



ARCADIS  
6723 Towpath Road  
P.O. Box 66  
Syracuse  
New York 13214-0066  
Tel 315.446.9120  
Fax 315.671.9450  
www.arcadis-us.com

Mr. Keith Krawczyk  
MDEQ-RRD-Superfund  
Constitution Hall – 3<sup>rd</sup> Floor South  
525 West Allegan Street  
P.O. Box 30426  
Lansing, Michigan 48909-7926

ENVIRONMENT

Subject:  
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site  
King Highway Landfill Operable Unit  
Landfill Gas Monitoring Program – Quarterly Report (2013 Quarter 3)

Date:  
August 13, 2013

Dear Mr. Krawczyk:

Contact:  
Patrick McGuire

On behalf of Georgia-Pacific LLC (Georgia-Pacific), this letter presents results from the 2013 third quarter post-closure landfill gas monitoring event conducted on July 26, 2013 at the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site King Highway Landfill Operable Unit 3 (KHL OU) located in Kalamazoo, Michigan. The July 2013 monitoring event reflects continued quarterly monitoring activities performed consistent with the FINAL *Operations and Maintenance Plan* (O&M Plan; ARCADIS 2013a), on behalf of Georgia-Pacific. Consistent with previous landfill gas monitoring events, representatives from the Michigan Department of Environmental Quality (MDEQ) were present to observe the monitoring activities, which were performed by ARCADIS using a portable gas analyzer.

Phone:  
315.671.9233

Email:  
pat.mcguire@arcadis-us.com

Our ref:  
B0064583.0004.00907

Monitoring results for the July 2013 event are presented in Table 1 and Figure 1; all monitoring results recorded to date are presented in Table 2 and Figure 2 (methane only). In addition, water level measurements collected at all but one of the permanent gas probes are also included in Table 1. The water surface elevation was below the elevation of the top of the screen for each gas probe, where water level measurements were collected<sup>1</sup> (Table 1). As such, none of the gas probe screens were observed to be “water logged”.

Monitoring of the 11 permanent landfill gas monitoring probes located within the property boundary (GW-1 through GW-4, GW-11 through GW-14, and GW-18, GW-19, and GW-21) resulted in methane detections at concentrations above the LEL in seven of the 11 gas probes (i.e., GW-1 through GW-4, GW-13, GW-18, and GW-19). Monitoring of the 11 permanent landfill gas monitoring probes located outside the

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<sup>1</sup>The caps on gas probe GW-11 could not be removed during the monitoring event to collect water level measurements within the gas probe.

landfill property boundary (GW-5 through GW-10, GW-15 through GW-17, and GW-20) resulted in methane detections at concentrations above LEL in only one of the 11 gas probes (i.e., GW-15A). The storage shed located in the southwest corner of the KHL was monitored, which resulted in no detection of methane.

In accordance with the contingency actions in Section 3.6 of the O&M Plan (ARCADIS 2013a), if methane gas is observed at any of the perimeter monitoring locations at concentrations greater than the LEL, then the adjacent property owner will be notified of the elevated methane concentrations detected at the perimeter of the KHL. As such, the Kalamazoo Metal Recyclers, Inc. (KMR) was notified on August 2, 2013 in a letter discussing the recent detections of methane gas at concentrations above the LEL in gas probes GW-15A, GW-18, and GW-19 located along the western property boundary of the KHL (Georgia-Pacific 2013). The letter indicated that based on previous correspondence neither Georgia-Pacific nor the MDEQ believe that the methane detections along the western property boundary of the KHL pose a risk to personnel employed at the KMR facility based on the presence of the concrete slab floor covering the ground surface and the absence of any subsurface structures at the facility.

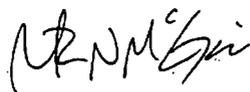
Based on the information that was previously presented to MDEQ in the revised 2013 2<sup>nd</sup> Quarter Landfill Gas Monitoring Report (ARCADIS 2013b) and provided by Georgia-Pacific to KMR regarding the methane detections along the perimeter of the KHL to adjacent properties, Georgia-Pacific does not see a need for any further investigation or remediation at this time. Georgia-Pacific will continue quarterly gas monitoring and, if gas probe monitoring indicates off-site migration of gas concentrations about the LEL, will notify KMR.

The next round of data collection (i.e., the 2013 fourth quarter landfill gas monitoring event) will be conducted in October 2013.

If you have any questions or comments, please do not hesitate to contact me at 315.671.9233.

Sincerely,

ARCADIS



Patrick McGuire  
Principal Environmental Engineer

Attachments

## Copies:

Garry Griffith, P.E., Georgia-Pacific LLC (transmitted via e-mail)  
Michael Berkoff, USEPA Region 5  
Steve Taplin, Terra Contracting, LLC (transmitted via e-mail)  
Matt Johnson, Senior Civil Engineer, City of Kalamazoo  
Roberta Welke, Southwest Region Engineer, Michigan Department of Transportation  
Dawn Penniman, P.E., ARCADIS

**References**

ARCADIS. 2013a. *FINAL Operation and Maintenance Plan*. King Highway Landfill Operable Unit 3. May 6, 2013.

ARCADIS. 2013b. 2013 2<sup>nd</sup> Quarter Landfill Gas Monitoring Report. King Highway Landfill Operable Unit 3. July 18, 2013.

Georgia-Pacific. 2013. Detection of Methane Gas along the Western Property Boundary of the King Highway Landfill. August 2, 2013.



## Tables

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 1 - Summary of July 26, 2013 Post-Closure Landfill Gas Monitoring Results**

| Sample Location     | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) | Top of Casing Elevation (feet) | Depth to Water <sup>1</sup> (feet) | Water Elevation (feet) | Top of Screen Elevation (feet) |
|---------------------|---------------------|---------------------|--------------------|----------------------|--------------------------------|------------------------------------|------------------------|--------------------------------|
| GW-1                | 49.3                | 47.5                | 0.0                | 3.2                  | 772.69                         | 17.0                               | 755.69                 | 766.75                         |
| GW-2                | 47.7                | 41.7                | 0.0                | 10.6                 | 768.36                         | N/A                                | N/A                    | 762.26                         |
| GW-3                | 46.1                | 25.4                | 0.0                | 28.5                 | 764.96                         | 9.86                               | 755.10                 | 759.23                         |
| GW-4                | 46.1                | 47.0                | 0.0                | 6.9                  | 770.21                         | 14.53                              | 755.68                 | 764.44                         |
| GW-5                | 0.0                 | 15.6                | 5.0                | 79.4                 | 766.40                         | N/A                                | N/A                    | 764.20                         |
| GW-6                | 0.0                 | 9.5                 | 11.2               | 79.3                 | 765.10                         | N/A                                | N/A                    | 762.90                         |
| GW-7                | 0.0                 | 5.5                 | 13.6               | 80.9                 | 764.90                         | N/A                                | N/A                    | 761.70                         |
| GW-8                | 0.0                 | 12.7                | 8.9                | 78.4                 | 764.60                         | N/A                                | N/A                    | 762.40                         |
| GW-9 <sup>10</sup>  | --                  | --                  | --                 | --                   | 761.80                         | --                                 | --                     | 759.60                         |
| GW-10 <sup>11</sup> | --                  | --                  | --                 | --                   | 767.30                         | --                                 | --                     | 765.10                         |
| GW-11 <sup>12</sup> | 0.6                 | 27.4                | 0.0                | 72.0                 | 765.00                         | --                                 | --                     | 762.80                         |
| GW-12               | 0.1                 | 10.4                | 10.5               | 79.0                 | 764.50                         | 8.55                               | 755.95                 | 762.30                         |
| GW-13               | 47.1                | 50.4                | 0.0                | 2.5                  | 771.08                         | N/A                                | N/A                    | 764.67                         |
| GW-14               | 0.3                 | 3.8                 | 12.1               | 83.8                 | 762.61                         | 6.10                               | 756.51                 | 757.12                         |
| GW-15               | 0.0                 | 7.9                 | 11.0               | 81.1                 | 766.27                         | 7.83                               | 758.44                 | 759.30                         |
| GW-15A              | 7.1                 | 17.4                | 0.0                | 75.5                 | 763.00                         | N/A                                | N/A                    | 762.00                         |
| GW-16               | 0.0                 | 5.3                 | 12.4               | 82.3                 | 764.44                         | N/A                                | N/A                    | 757.82                         |
| GW-17               | 0.0                 | 1.4                 | 19.5               | 79.1                 | 763.84                         | N/A                                | N/A                    | 757.30                         |
| GW-18               | 35.7                | 25.2                | 0.0                | 39.1                 | 771.80                         | 12.83                              | 758.97                 | 765.80                         |
| GW-19               | 45.1                | 44.2                | 0.2                | 10.5                 | 772.50                         | N/A                                | N/A                    | 766.50                         |
| GW-20               | 0.0                 | 7.8                 | 12.6               | 79.6                 | 779.00                         | N/A                                | N/A                    | 771.00                         |
| GW-21               | 0.1                 | 2.1                 | 17.7               | 80.1                 | 768.00                         | 9.19                               | 758.81                 | 761.60                         |
| Storage Shed        | 0.1                 | 0.1                 | 20.4               | 79.4                 | NM                             | NM                                 | NM                     | NM                             |

**Notes:**

1. Landfill gas monitoring results provided by ARCADIS using a GEM™ 500 portable gas analyzer.
2. CH<sub>4</sub> = Methane.
3. CO<sub>2</sub> = Carbon Dioxide.
4. O<sub>2</sub> = Oxygen.
5. GW = Permanent gas monitoring probe.
6. N/A = Water was not observed to be present in the gas probe during the time of measurement.
7. NM = Water depth measurements were not collected from the storage shed, only landfill gas measurements. No well related to shed.
8. -- = Gas probe was not monitored.
9. Shaded methane results exceed the associated lower explosive limit (5%).
10. Landfill gas monitoring was not performed at GW-9 due to the thick poison ivy surrounding the gas probe. This area will be cleared to facilitate future monitoring at this location.
11. Landfill gas monitoring was not performed at GW-10 due to the low concentration of methane detected at GW-6, as verbally directed by MDEQ.
12. Water level measurements were not collected at GW-11 as the cap could not be removed.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date       | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|------------|---------------------|---------------------|--------------------|----------------------|
| GW-1            | 4/28/2003  | 46.3                | 42.9                | 1.9                | 8.9                  |
| GW-2            | 4/28/2003  | 47.2                | 29.5                | 4                  | 19.3                 |
| GW-3            | 4/28/2003  | 74.1                | 19.1                | 0.6                | 6.3                  |
| GW-4            | 4/28/2003  | 47.1                | 39.9                | 2.6                | 10.4                 |
| BH-2            | 4/28/2003  | 52.3                | 46.8                | 0                  | 0.9                  |
| BH-4            | 4/28/2003  | 17.8                | 8.8                 | 9.8                | 63.6                 |
| BH-5            | 4/28/2003  | 2.8                 | 5.2                 | 15.2               | 76.8                 |
| BH-8            | 4/28/2003  | 55.4                | 43                  | 0                  | 1.6                  |
| BH-9            | 4/28/2003  | 26.6                | 33.2                | 2.2                | 38                   |
| BH-10           | 4/28/2003  | 0                   | 0.7                 | 18.6               | 80.7                 |
| BH-11           | 4/28/2003  | 0.3                 | 4.3                 | 13.3               | 82.1                 |
| BH-12           | 4/28/2003  | 0                   | 0.3                 | 20                 | 79.7                 |
| BH-13           | 4/28/2003  | 0                   | 1.3                 | 19.3               | 79.4                 |
| BH-14           | 4/28/2003  | 0                   | 1.9                 | 17.7               | 80.4                 |
| BH-15           | 4/28/2003  | 9                   | 4.3                 | 9.7                | 77                   |
| BH-16           | 4/28/2003  | 0                   | 1.4                 | 18.7               | 79.9                 |
| BH-17           | 4/28/2003  | 0                   | 0                   | 20.5               | 79.5                 |
| BH-18           | 4/28/2003  | 1.3                 | 0.7                 | 19.7               | 78.3                 |
| GW-1            | 8/14/2003  | 49.6                | 43.7                | 1                  | 5.7                  |
| GW-2            | 8/14/2003  | 59.2                | 35.2                | 0.9                | 4.7                  |
| GW-3            | 8/14/2003  | 48.6                | 30                  | 1.6                | 19.8                 |
| GW-4            | 8/14/2003  | 41.4                | 43                  | 0.2                | 15.4                 |
| BH-105          | 8/14/2003  | 46.8                | 43.6                | 0.8                | 8.8                  |
| BH-106          | 8/14/2003  | 4.1                 | 16                  | 2.1                | 77.8                 |
| BH-107          | 8/14/2003  | 29.6                | 27.9                | 2.9                | 39.6                 |
| BH-108          | 8/14/2003  | 1.8                 | 11                  | 10.6               | 76.6                 |
| BH-109          | 8/14/2003  | 3.6                 | 3.2                 | 15.3               | 77.9                 |
| BH-110          | 8/14/2003  | 0                   | 1.1                 | 18.9               | 80                   |
| BH-111          | 8/14/2003  | 0                   | 9.3                 | 6.6                | 84.1                 |
| BH-112          | 8/14/2003  | 27.6                | 29.6                | 0.9                | 41.9                 |
| BH-113          | 8/14/2003  | 31                  | 26.2                | 3.7                | 39.1                 |
| BH-114          | 8/14/2003  | 0                   | 1.1                 | 18.6               | 80.3                 |
| BH-115          | 8/15/2003  | 36.2                | 25.9                | 1.9                | 36                   |
| BH-116          | 8/14/2003  | 0                   | 5.1                 | 11.4               | 83.5                 |
| BH-117          | 8/14/2003  | 0                   | 1.6                 | 17.3               | 81.1                 |
| BH-118          | 8/14/2003  | 31.2                | 34.3                | 1.5                | 33                   |
| BH-119          | 8/14/2003  | 33.5                | 26.5                | 4.4                | 35.6                 |
| BH-120          | 8/14/2003  | 3.8                 | 7.2                 | 14.4               | 74.6                 |
| BH-121          | 8/14/2003  | 0                   | 0.1                 | 19                 | 80.9                 |
| BH-122          | 8/14/2003  | 0.6                 | 0.8                 | 18.9               | 79.7                 |
| GW-1            | 11/12/2003 | 56.9                | 42.4                | 0.5                | 0.2                  |
| GW-2            | 11/12/2003 | 65.9                | 33.4                | 0.5                | 0.2                  |
| GW-3            | 11/12/2003 | 68.7                | 28.1                | 3.1                | 0.1                  |
| GW-4            | 11/12/2003 | 59.2                | 34                  | 6.7                | 0.1                  |
| V-1             | 11/12/2003 | 72.2                | 27.2                | 0.5                | 0.1                  |
| V-2             | 11/12/2003 | 51.9                | 28.7                | 4.5                | 14.9                 |
| V-3             | 11/12/2003 | 66.4                | 32.9                | 0.6                | 0.1                  |
| BH-202          | 11/12/2003 | 57.5                | 39.7                | 2.6                | 0.2                  |
| BH-203          | 11/12/2003 | 0.2                 | 0.2                 | 20.1               | 79.5                 |
| BH-204          | 11/12/2003 | 41.9                | 13.3                | 11                 | 33.8                 |
| BH-205          | 11/12/2003 | 0.1                 | 0                   | 20.7               | 79.2                 |
| BH-206          | 11/12/2003 | 1.4                 | 3.3                 | 8.6                | 86.7                 |
| BH-207          | 11/12/2003 | 12.2                | 11.8                | 8.7                | 67.3                 |
| BH-208          | 11/12/2003 | 66                  | 29.2                | 2.3                | 2.5                  |
| BH-209          | 11/12/2003 | 24.4                | 8.5                 | 1.9                | 65.2                 |
| BH-210          | 11/12/2003 | 0.1                 | 3                   | 16.7               | 80.2                 |
| BH-211          | 11/12/2003 | 28.8                | 5.6                 | 13.2               | 52.4                 |
| BH-212          | 11/12/2003 | 16.6                | 9.2                 | 2.2                | 72                   |
| BH-213          | 11/13/2003 | 15.5                | 4.8                 | 15.5               | 64.2                 |
| BH-214          | 11/12/2003 | 0.5                 | 1.4                 | 18.1               | 80                   |
| BH-215          | 11/12/2003 | 0.1                 | 2.1                 | 17.4               | 80.4                 |
| BH-216          | 11/12/2003 | 0                   | 0                   | 20.9               | 79.1                 |
| BH-217          | 11/12/2003 | 0                   | 0.8                 | 20.6               | 78.6                 |
| BH-218          | 11/12/2003 | 0                   | 1.2                 | 19.8               | 79                   |
| BH-219          | 11/12/2003 | 0                   | 0                   | 21.1               | 78.9                 |
| BH-220          | 11/12/2003 | 0                   | 0                   | 20.8               | 79.2                 |
| BH-221          | 11/12/2003 | 0.1                 | 5.7                 | 8.5                | 85.7                 |
| BH-222          | 11/12/2003 | 0                   | 1.5                 | 17.9               | 80.6                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date       | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|------------|---------------------|---------------------|--------------------|----------------------|
| BH-223          | 11/12/2003 | 0                   | 1.2                 | 19.4               | 79.4                 |
| BH-230          | 11/12/2003 | 65.6                | 23.8                | 0.7                | 9.9                  |
| BH-231          | 11/12/2003 | 0.5                 | 0.9                 | 20.5               | 78.1                 |
| BH-232          | 11/12/2003 | 57.7                | 30.1                | 3.2                | 9                    |
| BH-233          | 11/12/2003 | 0.6                 | 0.1                 | 18.5               | 80.8                 |
| BH-234          | 11/12/2003 | 0.1                 | 0.9                 | 19.8               | 79.2                 |
| GW-1            | 12/8/2003  | 57.3                | 42.1                | 0.4                | 0.2                  |
| GW-2            | 12/8/2003  | 65.4                | 32.0                | 0.7                | 1.9                  |
| GW-3            | 12/8/2003  | 65.9                | 14.6                | 0.8                | 18.7                 |
| GW-4            | 12/8/2003  | 63.0                | 36.1                | 0.8                | 0.1                  |
| BH-301          | 12/8/2003  | 55.6                | 26.3                | 4.1                | 14.0                 |
| BH-302          | 12/8/2003  | 6.4                 | 2.1                 | 16.7               | 74.8                 |
| BH-303          | 12/8/2003  | 9.7                 | 6.7                 | 14.5               | 69.1                 |
| BH-304          | 12/8/2003  | 4.2                 | 6.9                 | 9.3                | 79.6                 |
| BH-305          | 12/8/2003  | 60.3                | 33.4                | 1.6                | 4.7                  |
| BH-306          | 12/9/2003  | 5.5                 | 2.8                 | 14.7               | 77.0                 |
| BH-307          | 12/8/2003  | 2.4                 | 1.6                 | 17.3               | 78.7                 |
| BH-312          | 12/8/2003  | 0                   | 0.5                 | 20.3               | 79.2                 |
| BH-313          | 12/8/2003  | 31.7                | 12.6                | 8.2                | 47.5                 |
| BH-314          | 12/8/2003  | 0                   | 1.8                 | 17.7               | 80.5                 |
| BH-315          | 12/9/2003  | 2.9                 | 4.4                 | 12.3               | 80.4                 |
| BH-316          | 12/8/2003  | 0                   | 0.1                 | 20.4               | 79.5                 |
| BH-317          | 12/8/2003  | 4.2                 | 4.2                 | 15.2               | 80.6                 |
| BH-318          | 12/8/2003  | 0                   | 0.3                 | 19.0               | 80.7                 |
| GW-1            | 2/24/2004  | 21.3                | 17.8                | 10.1               | 50.8                 |
| GW-2            | 2/24/2004  | 34.9                | 24                  | 6.4                | 34.7                 |
| GW-3            | 2/24/2004  | 0.1                 | 0                   | 19.5               | 80.4                 |
| GW-3            | 2/24/2004  | 0                   | 0                   | 20.1               | 79.9                 |
| GW-4            | 2/24/2004  | 8                   | 6.5                 | 16.1               | 69.4                 |
| GW-4            | 2/24/2004  | 0                   | 0                   | 19.2               | 80.8                 |
| V-1             | 2/24/2004  | 0                   | 0                   | 20.1               | 79.9                 |
| V-2             | 2/24/2004  | 13.5                | 7.3                 | 16                 | 63.2                 |
| V-3             | 2/24/2004  | 39                  | 20.3                | 10.1               | 30.6                 |
| BH-10           | 2/24/2004  | 19.4                | 12.1                | 16.6               | 51.9                 |
| BH-105          | 2/24/2004  | 19.1                | 8.1                 | 9.9                | 62.9                 |
| BH-106          | 2/24/2004  | 3.1                 | 1.3                 | 17.8               | 77.8                 |
| BH-107          | 2/24/2004  | 15.3                | 12.4                | 9.3                | 63                   |
| BH-108          | 2/24/2004  | 2.1                 | 1.8                 | 16.4               | 79.7                 |
| BH-110          | 2/24/2004  | 15.2                | 11.7                | 4.9                | 68.2                 |
| BH-111          | 2/24/2004  | 7.6                 | 5                   | 11.1               | 76.3                 |
| BH-112          | 2/24/2004  | 0.6                 | 2.2                 | 18.4               | 78.8                 |
| BH-113          | 2/24/2004  | 0                   | 2.3                 | 15.9               | 81.8                 |
| BH-114          | 2/24/2004  | 0                   | 0.5                 | 18.3               | 81.2                 |
| BH-115          | 2/24/2004  | 0                   | 0                   | 19.9               | 80.1                 |
| BH-116          | 2/24/2004  | 0                   | 0.7                 | 16.8               | 82.5                 |
| BH-117          | 2/24/2004  | 0                   | 0                   | 19.6               | 80.4                 |
| BH-118          | 2/24/2004  | 0                   | 0.1                 | 19                 | 80.9                 |
| BH-119          | 2/24/2004  | 20.6                | 7.7                 | 10                 | 61.7                 |
| BH-120          | 2/24/2004  | 2.4                 | 7                   | 13                 | 77.6                 |
| BH-126          | 2/24/2004  | 33.1                | 16.5                | 14.3               | 36.1                 |
| BH-127          | 2/24/2004  | 19.5                | 10.8                | 13.9               | 55.8                 |
| BH-128          | 2/24/2004  | 0                   | 0                   | 19.9               | 80.1                 |
| BH-129          | 2/24/2004  | 42.3                | 26.2                | 15.7               | 15.8                 |
| BH-130          | 2/24/2004  | 1.3                 | 0.6                 | 19.2               | 78.9                 |
| BH-131          | 2/24/2004  | 54.9                | 32.3                | 12.6               | 0.2                  |
| BH-132          | 2/24/2004  | 0.8                 | 0.4                 | 18.3               | 80.5                 |
| BH-133          | 2/24/2004  | 0                   | 0.7                 | 19.5               | 79.8                 |
| GW-1            | 5/20/2004  | 51.3                | 32.3                | 0.1                | 16.3                 |
| GW-2            | 5/20/2004  | 62.0                | 37.3                | 0.5                | 0.2                  |
| GW-3            | 5/20/2004  | 69.2                | 30.2                | 0.4                | 0.2                  |
| GW-4            | 5/20/2004  | 54.7                | 45.1                | 0.1                | 0.1                  |
| V-1             | 5/20/2004  | 55.3                | 22.9                | 6.2                | 15.6                 |
| V-2             | 5/20/2004  | 54.0                | 30.0                | 4.3                | 11.7                 |
| V-3             | 5/20/2004  | 59.3                | 40.2                | 0.3                | 0.2                  |
| BH-208          | 5/20/2004  | 0.4                 | 1.6                 | 19.9               | 78.1                 |
| BH-209          | 5/20/2004  | 0.2                 | 0.5                 | 19.5               | 79.8                 |
| BH-210          | 5/20/2004  | 14.1                | 12.1                | 5.2                | 68.6                 |
| BH-211          | 5/20/2004  | 0.1                 | 2.8                 | 18.1               | 79.0                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date       | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|------------|---------------------|---------------------|--------------------|----------------------|
| BH-212          | 5/20/2004  | 28.3                | 13.5                | 3.8                | 54.4                 |
| BH-213          | 5/20/2004  | 0.2                 | 2.7                 | 16.5               | 80.6                 |
| BH-214          | 5/20/2004  | 0.1                 | 1.9                 | 18.5               | 79.5                 |
| BH-215          | 5/20/2004  | 67.9                | 21.9                | 1.8                | 8.4                  |
| BH-216          | 5/20/2004  | 0                   | 1.7                 | 19.0               | 79.3                 |
| BH-217          | 5/20/2004  | 0                   | 3.5                 | 15.7               | 80.8                 |
| BH-218          | 5/20/2004  | 24.9                | 23.8                | 4.6                | 46.7                 |
| BH-219          | 5/20/2004  | 8.8                 | 10.2                | 10.9               | 70.1                 |
| BH-220          | 5/20/2004  | 0.2                 | 0.7                 | 20.4               | 78.7                 |
| BH-221          | 5/20/2004  | 10.4                | 7.9                 | 7.3                | 74.4                 |
| BH-222          | 5/20/2004  | 17.0                | 8.9                 | 5.0                | 69.1                 |
| BH-223          | 5/20/2004  | 0                   | 0.1                 | 21.1               | 78.8                 |
| BH-224          | 5/20/2004  | 0                   | 7.1                 | 9.5                | 83.4                 |
| BH-225          | 5/20/2004  | 0                   | 1.9                 | 19.4               | 78.7                 |
| BH-226          | 5/20/2004  | 0                   | 2.0                 | 17.1               | 80.9                 |
| BH-227          | 5/20/2004  | 0                   | 1.0                 | 20.1               | 78.9                 |
| BH-228          | 5/20/2004  | 15.8                | 11.7                | 11.7               | 60.8                 |
| BH-229          | 5/20/2004  | 7.3                 | 9.4                 | 8.0                | 75.3                 |
| BH-230          | 5/20/2004  | 2.0                 | 2.4                 | 16.4               | 79.3                 |
| BH-231          | 5/20/2004  | 44.8                | 40.2                | 1.9                | 13.1                 |
| BH-232          | 5/20/2004  | 1.3                 | 2.1                 | 16.0               | 80.6                 |
| BH-233          | 5/20/2004  | 0                   | 0.1                 | 21.2               | 78.7                 |
| BH-234          | 5/20/2004  | 45.5                | 36.8                | 2.2                | 15.5                 |
| BH-235          | 5/20/2004  | 8.8                 | 3.3                 | 17.7               | 70.2                 |
| BH-236          | 5/20/2004  | 2.1                 | 1.0                 | 17.6               | 79.3                 |
| BH-237          | 5/20/2004  | 0.5                 | 1.5                 | 18.6               | 79.4                 |
| GW-1            | 9/29/2004  | 41.9                | 35.4                | 4.2                | 18.5                 |
| GW-2            | 9/29/2004  | 37.8                | 24.9                | 7.7                | 29.6                 |
| GW-3            | 9/29/2004  | 36.2                | 25.7                | 5.4                | 32.7                 |
| GW-4            | 9/29/2004  | 35.7                | 32.9                | 5.3                | 26.1                 |
| V-1-1           | 9/29/2004  | 27.4                | 22.2                | 10.4               | 40                   |
| V-2-1           | 9/29/2004  | 44.1                | 19.4                | 7.2                | 29.3                 |
| V-2-2           | 9/29/2004  | 33.7                | 20.4                | 9.7                | 36.2                 |
| V-4-1           | 9/29/2004  | 0                   | 0.4                 | 20.6               | 79                   |
| V-4-2           | 9/29/2004  | 0                   | 0.3                 | 20.6               | 79.1                 |
| V-4-3           | 9/29/2004  | 0                   | 0                   | 20.7               | 79.3                 |
| BH-101          | 9/29/2004  | 43.7                | 39.6                | 2.5                | 14.2                 |
| BH-102          | 9/29/2004  | 34.7                | 38.3                | 1.1                | 25.9                 |
| BH-103          | 9/29/2004  | 16.9                | 31.9                | 0.8                | 50.4                 |
| BH-104          | 9/29/2004  | 11.1                | 26.7                | 2.9                | 59.3                 |
| BH-105          | 9/29/2004  | 11.1                | 27.3                | 0.9                | 60.7                 |
| BH-106          | 9/29/2004  | 42.1                | 21.3                | 8.2                | 28.4                 |
| BH-107          | 9/29/2004  | 1.3                 | 1.4                 | 18                 | 79.3                 |
| BH-108          | 9/29/2004  | 43.4                | 28.9                | 1                  | 26.7                 |
| BH-109          | 9/29/2004  | 26.2                | 9.4                 | 2.2                | 62.2                 |
| BH-110          | 9/29/2004  | 1.5                 | 9.8                 | 7.1                | 81.6                 |
| BH-111          | 9/29/2004  | 0                   | 6.8                 | 12.9               | 80.3                 |
| BH-112          | 9/29/2004  | 1.4                 | 11.2                | 3.6                | 83.8                 |
| BH-113          | 9/29/2004  | 0.5                 | 2.6                 | 17.1               | 79.8                 |
| BH-114          | 9/29/2004  | 25.4                | 11.2                | 2.4                | 61                   |
| BH-201          | 9/29/2004  | 46.7                | 13.7                | 2.8                | 36.8                 |
| BH-202          | 9/29/2004  | 42.2                | 17.7                | 7.9                | 32.2                 |
| BH-203          | 9/29/2004  | 0                   | 1.4                 | 19.4               | 79.2                 |
| GW-1            | 12/16/2004 | 56.6                | 43.4                | 0                  | 0                    |
| GW-2            | 12/16/2004 | 55.3                | 33.9                | 0                  | 10.8                 |
| GW-3            | 12/16/2004 | 40.5                | 14.7                | 0.3                | 44.5                 |
| GW-4            | 12/16/2004 | 59.4                | 37.0                | 1.1                | 2.5                  |
| V-1-1           | 12/16/2004 | 60.7                | 38.9                | 0.4                | 0                    |
| V-2-1           | 12/16/2004 | 35.9                | 16.7                | 6.3                | 41.1                 |
| V-2-2           | 12/16/2004 | 46.8                | 22.4                | 6.8                | 24.0                 |
| V-4-1           | 12/16/2004 | 3.9                 | 2.2                 | 19.0               | 74.9                 |
| V-4-2           | 12/16/2004 | 0                   | 0                   | 20.4               | 79.6                 |
| V-4-3           | 12/16/2004 | 0                   | 0                   | 20.4               | 79.6                 |
| BH-101          | 12/16/2004 | 1.4                 | 0.9                 | 19.9               | 77.8                 |
| BH-102          | 12/16/2004 | 57.6                | 7.2                 | 1.4                | 33.8                 |
| BH-103          | 12/16/2004 | 0                   | 1.9                 | 18.3               | 79.8                 |
| BH-104          | 12/16/2004 | 0                   | 1.5                 | 18.0               | 80.5                 |
| BH-105          | 12/16/2004 | 0.2                 | 0.5                 | 18.4               | 80.9                 |

See Notes on Page 21.

Georgia-Pacific, LLC  
 Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site  
 King Highway Landfill Operable Unit 3  
 Landfill Gas Monitoring Program

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date       | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|------------|---------------------|---------------------|--------------------|----------------------|
| BH-106          | 12/16/2004 | 0                   | 0.7                 | 18.5               | 80.8                 |
| BH-107          | 12/16/2004 | 2.5                 | 0.9                 | 17.8               | 78.8                 |
| BH-201          | 12/16/2004 | 0                   | 1.7                 | 16.1               | 82.2                 |
| BH-202          | 12/16/2004 | 0.1                 | 0.4                 | 19.4               | 80.1                 |
| BH-203          | 12/16/2004 | 12.0                | 4.4                 | 12.6               | 71.0                 |
| BH-204          | 12/16/2004 | 56.1                | 13.5                | 5.3                | 25.1                 |
| BH-205          | 12/16/2004 | 5.6                 | 0.8                 | 15.8               | 77.8                 |
| BH-301          | 12/16/2004 | 0                   | 9.7                 | 8.5                | 81.8                 |
| BH-401          | 12/16/2004 | 64.7                | 34.5                | 0.5                | 0.3                  |
| BH-402          | 12/16/2004 | 0.1                 | 0.3                 | 17.8               | 81.8                 |
| GW-1            | 3/15/2005  | 52.6                | 42.2                | 1.3                | 3.9                  |
| GW-2            | 3/15/2005  | 0.2                 | 1.6                 | 18.8               | 79.4                 |
| GW-3            | 3/15/2005  | 0                   | 0                   | 20.8               | 79.2                 |
| GW-4            | 3/15/2005  | 58.3                | 38.1                | 1.5                | 2.1                  |
| V-1-1           | 3/15/2005  | 20.4                | 11.2                | 15.2               | 53.2                 |
| V-2-1           | 3/15/2005  | 0                   | 0                   | 20.8               | 79.2                 |
| V-2-2           | 3/15/2005  | 5.3                 | 1.8                 | 19.3               | 73.6                 |
| V-4-1           | 3/15/2005  | 0                   | 0.1                 | 19.6               | 80.3                 |
| V-4-2           | 3/15/2005  | 2.7                 | 1.6                 | 19.0               | 76.7                 |
| V-4-3           | 3/15/2005  | 2.5                 | 2.2                 | 19.1               | 76.2                 |
| BH-101          | 3/15/2005  | 1.4                 | 0.4                 | 20.3               | 77.9                 |
| BH-104          | 3/15/2005  | 0.6                 | 0.4                 | 20.1               | 78.9                 |
| BH-105          | 3/15/2005  | 0                   | 2.3                 | 13.4               | 84.3                 |
| BH-107          | 3/15/2005  | 3.4                 | 0.3                 | 19.1               | 77.2                 |
| GW-1            | 5/26/2005  | 54.5                | 44.7                | 0.6                | 0.2                  |
| GW-2            | 5/26/2005  | 58.5                | 39.5                | 0.0                | 2.0                  |
| GW-3            | 5/26/2005  | 58.7                | 30.4                | 0.2                | 10.7                 |
| GW-4            | 5/26/2005  | 42.2                | 38.4                | 0.4                | 19.0                 |
| GW-5            | 5/26/2005  | 0.8                 | 0.4                 | 18.1               | 80.7                 |
| GW-6            | 5/26/2005  | 0.7                 | 1.3                 | 19.7               | 78.3                 |
| GW-7            | 5/26/2005  | 0.2                 | 1.6                 | 16.9               | 81.3                 |
| GW-8            | 5/26/2005  | 0.0                 | 10.7                | 2.8                | 86.5                 |
| GW-9            | 5/26/2005  | 0.2                 | 3.0                 | 16.0               | 80.8                 |
| V-1-1           | 5/26/2005  | 12.2                | 7.9                 | 17.1               | 62.8                 |
| V-2-1           | 5/26/2005  | 14.0                | 5.9                 | 15.9               | 64.2                 |
| V-2-2           | 5/26/2005  | 23.3                | 13.0                | 12.6               | 51.1                 |
| V-3-1           | 5/26/2005  | 5.2                 | 2.0                 | 18.3               | 74.5                 |
| V-4-1           | 5/26/2005  | 3.6                 | 4.1                 | 16.0               | 76.3                 |
| V-4-2           | 5/26/2005  | 2.3                 | 2.1                 | 19.6               | 76.0                 |
| V-4-3           | 5/26/2005  | 1.6                 | 2.4                 | 18.7               | 77.3                 |
| BH-101          | 5/26/2005  | 1.2                 | 2.4                 | 18.3               | 78.1                 |
| BH-102          | 5/26/2005  | 0.6                 | 1.1                 | 15.4               | 82.9                 |
| BH-103          | 5/26/2005  | 0.0                 | 0.9                 | 19.3               | 79.8                 |
| BH-201          | 5/26/2005  | 10.9                | 6.4                 | 15.4               | 67.3                 |
| BH-202          | 5/26/2005  | 0.3                 | 1.0                 | 18.8               | 79.9                 |
| BH-203          | 5/26/2005  | 0.4                 | 1.2                 | 12.8               | 85.6                 |
| BH-301          | 5/26/2005  | 3.0                 | 6.1                 | 12.7               | 78.2                 |
| BH-302          | 5/26/2005  | 4.3                 | 11.0                | 73.9               | 10.8                 |
| BH-303          | 5/26/2005  | 3.8                 | 9.4                 | 11.7               | 75.1                 |
| BH-304          | 5/26/2005  | 0.0                 | 0.4                 | 20.0               | 79.6                 |
| GW-1            | 8/18/2005  | 51.0                | 44.8                | 0.3                | 3.9                  |
| GW-2            | 8/18/2005  | 53.3                | 36.9                | 1.5                | 8.3                  |
| GW-3            | 8/18/2005  | 52.6                | 33.9                | 0.0                | 13.5                 |
| GW-4            | 8/18/2005  | 48.2                | 45.1                | 0.0                | 6.7                  |
| GW-5            | 8/18/2005  | 40.0                | 13.8                | 0.3                | 45.9                 |
| GW-6            | 8/18/2005  | 51.9                | 43.7                | 0.0                | 4.4                  |
| GW-7            | 8/18/2005  | 0.0                 | 3.8                 | 16.5               | 79.7                 |
| GW-8            | 8/18/2005  | 5.8                 | 10.1                | 0.2                | 83.9                 |
| GW-9            | 8/18/2005  | 0.0                 | 7.2                 | 12.5               | 80.3                 |
| GW-10           | 8/18/2005  | 0.0                 | 12.9                | 4.8                | 82.3                 |
| GW-11           | 8/18/2005  | 0.0                 | 18.9                | 2.7                | 78.4                 |
| V-1-1           | 8/18/2005  | 52.3                | 47.6                | 0.0                | 0.1                  |
| V-2-2           | 8/18/2005  | 39.5                | 26.8                | 6.5                | 27.2                 |
| V-3-1           | 8/18/2005  | 14.9                | 16.4                | 8.3                | 60.4                 |
| V-4-1           | 8/18/2005  | 14.1                | 18.0                | 8.1                | 59.8                 |
| V-4-2           | 8/18/2005  | 20.6                | 24.1                | 6.0                | 49.3                 |
| V-4-3           | 8/18/2005  | 17.5                | 19.9                | 9.2                | 53.4                 |
| BH-101          | 8/18/2005  | 59.9                | 20.8                | 0.1                | 19.2                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location     | Date      | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|---------------------|-----------|---------------------|---------------------|--------------------|----------------------|
| BH-102              | 8/18/2005 | 44.4                | 40.2                | 0.7                | 14.7                 |
| BH-103              | 8/18/2005 | 0.0                 | 3.1                 | 17.9               | 79.0                 |
| BH-104              | 8/18/2005 | 12.3                | 4.0                 | 14.3               | 69.4                 |
| BH-105              | 8/18/2005 | 0.0                 | 2.6                 | 18.1               | 79.3                 |
| BH-106              | 8/18/2005 | 0.0                 | 1.0                 | 20.6               | 78.4                 |
| BH-201              | 8/18/2005 | 22.0                | 21.8                | 0.5                | 55.7                 |
| BH-202              | 8/18/2005 | 0.0                 | 12.2                | 9.0                | 78.8                 |
| BH-203              | 8/18/2005 | 22.4                | 9.7                 | 12.9               | 55.0                 |
| BH-204              | 8/18/2005 | 26.7                | 18.9                | 2.9                | 51.5                 |
| BH-205              | 8/18/2005 | 0.8                 | 2.2                 | 0.7                | 96.3                 |
| BH-301              | 8/18/2005 | 16.8                | 23.1                | 0.7                | 59.4                 |
| BH-302              | 8/18/2005 | 0.0                 | 10.9                | 7.1                | 82.0                 |
| BH-303              | 8/18/2005 | 25.3                | 23.0                | 0.5                | 51.2                 |
| BH-304              | 8/18/2005 | 11.4                | 15.0                | 3.1                | 70.5                 |
| BH-305              | 8/18/2005 | 0.1                 | 11.3                | 9.4                | 79.2                 |
| BH-306              | 8/18/2005 | 0.0                 | 6.4                 | 16.1               | 77.5                 |
| BH-307              | 8/18/2005 | 0.0                 | 5.5                 | 17.5               | 77.0                 |
| BH-701              | 8/18/2005 | 0.0                 | 3.1                 | 18.3               | 78.6                 |
| BH-801              | 8/18/2005 | 0.0                 | 1.2                 | 20.4               | 78.4                 |
| BH-802              | 8/18/2005 | 0.0                 | 1.9                 | 19.8               | 78.3                 |
| BH-100              | 8/18/2005 | 0.0                 | 7.4                 | 12.1               | 80.5                 |
| BH-100              | 8/18/2005 | 0.0                 | 0.5                 | 20.5               | 79.0                 |
| BH-110              | 8/18/2005 | 0.0                 | 3.6                 | 18.2               | 78.2                 |
| BH-110              | 8/18/2005 | 0.0                 | 10.2                | 11.6               | 78.2                 |
| GW-1                | 11/8/2005 | 53.2                | 45.3                | 0.2                | 1.3                  |
| GW-2                | 11/8/2005 | 41.8                | 30.6                | 3.2                | 24.4                 |
| GW-3                | 11/8/2005 | 6.2                 | 8.0                 | 14.5               | 71.3                 |
| GW-4                | 11/8/2005 | 48.8                | 39.0                | 0.4                | 11.8                 |
| GW-5                | 11/8/2005 | 24.5                | 12.6                | 0.2                | 62.7                 |
| GW-6                | 11/8/2005 | 53.6                | 39.4                | 0.4                | 6.6                  |
| GW-7                | 11/8/2005 | 0.0                 | 3.2                 | 16.8               | 80.0                 |
| GW-8                | 11/8/2005 | 0.0                 | 13.4                | 0.6                | 86.0                 |
| GW-9                | 11/8/2005 | 0.0                 | 3.8                 | 15.4               | 80.8                 |
| GW-10               | 11/8/2005 | 0.0                 | 9.5                 | 7.0                | 83.5                 |
| GW-11               | 11/8/2005 | 0.0                 | 12.1                | 6.0                | 81.9                 |
| BH-101              | 11/8/2005 | 27.0                | 13.8                | 5.3                | 53.9                 |
| BH-102              | 11/8/2005 | 26.0                | 32.5                | 0.3                | 41.2                 |
| BH-103              | 11/8/2005 | 0.0                 | 2.1                 | 17.4               | 80.5                 |
| BH-104              | 11/8/2005 | 0.0                 | 8.1                 | 7.6                | 84.3                 |
| BH-201              | 11/8/2005 | 22.5                | 23.5                | 0.4                | 53.6                 |
| BH-202              | 11/8/2005 | 0.0                 | 6.2                 | 13.8               | 80.0                 |
| BH-301              | 11/8/2005 | 0.0                 | 18.4                | 1.7                | 79.9                 |
| BH-601              | 11/8/2005 | 5.4                 | 12.2                | 0.4                | 82.0                 |
| BH-602              | 11/8/2005 | 0.0                 | 3.5                 | 15.8               | 80.7                 |
| V-1-1               | 11/8/2005 | 54.2                | 45.2                | 0.6                | 0.0                  |
| V-2-1               | 11/8/2005 | 10.0                | 6.9                 | 14.5               | 68.6                 |
| V-2-2               | 11/8/2005 | 47.4                | 28.1                | 5.8                | 18.7                 |
| V-3-1               | 11/8/2005 | 5.6                 | 2.0                 | 18.9               | 73.5                 |
| V-4-1               | 11/8/2005 | 1.0                 | 2.9                 | 17.7               | 78.4                 |
| V-4-2               | 11/8/2005 | 0.0                 | 0.0                 | 20.5               | 79.5                 |
| V-4-3               | 11/8/2005 | 3.3                 | 7.0                 | 13.8               | 75.9                 |
| GW-1                | 2/8/2006  | 56.0                | 43.7                | 0.3                | 0.0                  |
| GW-2                | 2/8/2006  | 41.0                | 24.9                | 2.5                | 31.6                 |
| GW-3                | 2/8/2006  | 0.8                 | 4.8                 | 10.3               | 84.1                 |
| GW-4                | 2/8/2006  | 63.1                | 36.2                | 0.7                | 0.0                  |
| GW-5                | 2/8/2006  | 36.7                | 4.0                 | 1.0                | 58.3                 |
| GW-6                | 2/8/2006  | 83.7                | 14.3                | 0.0                | 2.0                  |
| GW-7                | 2/8/2006  | 0.0                 | 1.5                 | 17.7               | 80.8                 |
| GW-8                | 2/8/2006  | 20.0                | 5.5                 | 1.9                | 72.6                 |
| GW-9                | 2/8/2006  | 0.0                 | 4.3                 | 15.1               | 80.6                 |
| GW-10               | 2/8/2006  | 0.0                 | 7.4                 | 1.4                | 91.2                 |
| GW-11               | 2/8/2006  | 0.0                 | 1.2                 | 19.0               | 79.8                 |
| BH-201 <sup>4</sup> | 2/8/2006  | 6.1                 | 4.2                 | 13.3               | 76.4                 |
| BH-501              | 2/8/2006  | 0.1                 | 1.0                 | 16.1               | 82.8                 |
| BH-502              | 2/8/2006  | 0.0                 | 0.2                 | 17.9               | 81.9                 |
| BH-801              | 2/8/2006  | 0.0                 | 4.4                 | 15.5               | 80.1                 |
| BH-430              | 2/8/2006  | 32.9                | 18.1                | 3.5                | 45.5                 |
| BH-430              | 2/8/2006  | 34.2                | 22.9                | 0.0                | 42.9                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location     | Date     | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|---------------------|----------|---------------------|---------------------|--------------------|----------------------|
| BH-430              | 2/8/2006 | 7.6                 | 7.9                 | 11.9               | 72.6                 |
| BH-430              | 2/8/2006 | 0.7                 | 0.4                 | 17.3               | 81.6                 |
| V-1-1               | 2/8/2006 | 56.8                | 39.6                | 3.6                | 0.0                  |
| V-2-1               | 2/8/2006 | 16.2                | 6.5                 | 15.8               | 61.5                 |
| V-2-2               | 2/8/2006 | 29.6                | 10.5                | 13.5               | 46.4                 |
| V-3-1               | 2/8/2006 | 2.8                 | 0.7                 | 20.5               | 76.0                 |
| V-4-1               | 2/8/2006 | 0.5                 | 0.5                 | 19.0               | 80.0                 |
| V-4-2               | 2/8/2006 | 0.0                 | 0.1                 | 19.0               | 80.9                 |
| V-4-3               | 2/8/2006 | 22.1                | 11.5                | 11.1               | 55.3                 |
| GW-1                | 5/8/2006 | 52.8                | 47.2                | 0.0                | 0.0                  |
| GW-2                | 5/8/2006 | 58.2                | 40.4                | 0.0                | 1.4                  |
| GW-3                | 5/8/2006 | 66.2                | 28.0                | 0.0                | 5.8                  |
| GW-4                | 5/8/2006 | 0.0                 | 46.3                | 0.0                | 53.7                 |
| GW-5                | 5/8/2006 | 31.6                | 4.5                 | 0.0                | 63.9                 |
| GW-6                | 5/8/2006 | 61.8                | 29.4                | 0.0                | 8.8                  |
| GW-7                | 5/8/2006 | 0.0                 | 1.5                 | 16.1               | 82.4                 |
| GW-8                | 5/8/2006 | 15.8                | 6.3                 | 0.0                | 77.9                 |
| GW-9                | 5/8/2006 | 0.0                 | 7.4                 | 6.6                | 86.0                 |
| GW-10               | 5/8/2006 | 0.0                 | 0.3                 | 18.3               | 81.4                 |
| GW-11               | 5/8/2006 | 0.0                 | 10.1                | 3.8                | 86.1                 |
| GW-12               | 5/8/2006 | 0.0                 | 10.4                | 6.1                | 83.5                 |
| BH-201              | 5/8/2006 | 49.5                | 21.2                | 0.0                | 29.3                 |
| BH-202              | 5/8/2006 | 0.1                 | 4.2                 | 12.1               | 83.6                 |
| BH-301              | 5/8/2006 | 15.5                | 12.0                | 6.5                | 66.0                 |
| BH-302              | 5/8/2006 | 25.4                | 18.8                | 0.0                | 55.8                 |
| BH-303              | 5/8/2006 | 0.0                 | 0.4                 | 18.3               | 81.3                 |
| BH-304              | 5/8/2006 | 13.7                | 7.9                 | 5.9                | 72.5                 |
| BH-305              | 5/8/2006 | 4.7                 | 3.8                 | 9.9                | 81.6                 |
| BH-306 <sup>5</sup> | 5/8/2006 | --                  | --                  | --                 | --                   |
| BH-307              | 5/8/2006 | 9.0                 | 11.1                | 0.0                | 79.9                 |
| BH-308 <sup>5</sup> | 5/8/2006 | --                  | --                  | --                 | --                   |
| BH-309              | 5/8/2006 | 0.0                 | 0.4                 | 18.2               | 81.4                 |
| BH-310              | 5/8/2006 | 38.1                | 7.5                 | 0.0                | 54.4                 |
| BH-311              | 5/8/2006 | 0.0                 | 0.4                 | 18.3               | 81.3                 |
| BH-312              | 5/8/2006 | 0.8                 | 6.8                 | 6.2                | 86.2                 |
| BH-501              | 5/8/2006 | 0.0                 | 0.9                 | 17.2               | 81.9                 |
| BH-502              | 5/8/2006 | 0.0                 | 4.1                 | 7.4                | 88.5                 |
| BH-601              | 5/8/2006 | 51.1                | 8.6                 | 0.0                | 40.3                 |
| BH-801              | 5/8/2006 | 3.4                 | 12.8                | 0.0                | 83.8                 |
| BH-802              | 5/8/2006 | 0.0                 | 0.8                 | 16.7               | 82.5                 |
| V-1-1               | 5/8/2006 | 52.3                | 46.7                | 0.0                | 1.0                  |
| V-2-1               | 5/8/2006 | 44.0                | 29.7                | 0.0                | 26.3                 |
| V-2-2               | 5/8/2006 | 53.5                | 23.9                | 5.5                | 17.1                 |
| V-3-1               | 5/8/2006 | 26.4                | 9.4                 | 12.2               | 52.0                 |
| V-4-1               | 5/8/2006 | 0.0                 | 0.0                 | 20.3               | 79.7                 |
| V-4-2               | 5/8/2006 | 0.0                 | 0.0                 | 20.5               | 79.5                 |
| V-4-3               | 5/8/2006 | 0.0                 | 0.1                 | 20.1               | 79.8                 |
| V-4-4               | 5/8/2006 | 0.0                 | 0.0                 | 20.2               | 79.8                 |
| V-4-5               | 5/8/2006 | 0.0                 | 0.8                 | 19.0               | 80.2                 |
| V-4-6               | 5/8/2006 | 0.0                 | 0.0                 | 20.0               | 80.0                 |
| GW-1                | 9/7/2006 | 53.6                | 46.4                | 0.0                | 0.0                  |
| GW-2                | 9/7/2006 | 42.0                | 30.2                | 5.7                | 22.1                 |
| GW-3                | 9/7/2006 | 49.9                | 26.5                | 3.2                | 20.4                 |
| GW-4                | 9/7/2006 | 50.4                | 44.9                | 0.9                | 3.8                  |
| GW-5                | 9/7/2006 | 46.1                | 8.7                 | 0.0                | 45.2                 |
| GW-6                | 9/7/2006 | 60.7                | 38.2                | 0.0                | 1.1                  |
| GW-7                | 9/7/2006 | 0.0                 | 5.0                 | 14.8               | 80.2                 |
| GW-8                | 9/7/2006 | 34.6                | 5.8                 | 0.0                | 59.6                 |
| GW-9                | 9/7/2006 | 1.4                 | 13.5                | 0.1                | 85.0                 |
| GW-10               | 9/7/2006 | 0.0                 | 0.6                 | 20.2               | 79.2                 |
| GW-11               | 9/7/2006 | 0.3                 | 8.0                 | 7.1                | 84.6                 |
| GW-12               | 9/7/2006 | 0.0                 | 0.1                 | 20.8               | 79.1                 |
| BH-201              | 9/7/2006 | 29.7                | 14.1                | 9.5                | 46.7                 |
| BH-202              | 9/7/2006 | 0.0                 | 1.3                 | 19.8               | 78.9                 |
| BH-301              | 9/7/2006 | 0.8                 | 2.7                 | 18.1               | 78.4                 |
| BH-302              | 9/7/2006 | 3.8                 | 3.7                 | 17.3               | 75.2                 |
| BH-303              | 9/7/2006 | 12.3                | 16.1                | 3.7                | 67.9                 |
| BH-304              | 9/7/2006 | 4.0                 | 1.5                 | 19.0               | 75.5                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location   | Date      | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-------------------|-----------|---------------------|---------------------|--------------------|----------------------|
| BH-305            | 9/7/2006  | 0.0                 | 2.4                 | 19.1               | 78.5                 |
| BH-501            | 9/7/2006  | 0.0                 | 2.3                 | 18.2               | 79.5                 |
| BH-502            | 9/7/2006  | 1.0                 | 2.8                 | 16.0               | 80.2                 |
| BH-601            | 9/7/2006  | 0.0                 | 0.2                 | 20.9               | 78.9                 |
| BH-801            | 9/7/2006  | 0.0                 | 3.0                 | 17.8               | 79.2                 |
| BH-802            | 9/7/2006  | 4.4                 | 3.1                 | 13.7               | 78.8                 |
| V-1-1             | 9/7/2006  | 30.7                | 28.6                | 8.7                | 32.0                 |
| V-2-1             | 9/7/2006  | 25.5                | 12.6                | 12.6               | 49.3                 |
| V-2-2             | 9/7/2006  | 18.6                | 11.3                | 14.1               | 56.0                 |
| V-3-1             | 9/7/2006  | 2.6                 | 1.5                 | 20.1               | 75.8                 |
| V-4-1             | 9/7/2006  | 0.0                 | 0.1                 | 20.8               | 79.1                 |
| V-4-2             | 9/7/2006  | 0.0                 | 0.2                 | 2.9                | 96.9                 |
| V-4-3             | 9/7/2006  | 0.0                 | 0.0                 | 20.8               | 79.2                 |
| V-4-4             | 9/7/2006  | 0.0                 | 0.0                 | 20.9               | 79.1                 |
| V-4-5             | 9/7/2006  | 0.0                 | 0.1                 | 20.8               | 79.1                 |
| V-4-6             | 9/7/2006  | 0.0                 | 0.1                 | 20.9               | 79.0                 |
| GW-1              | 11/8/2006 | 54.9                | 45.1                | 0.0                | 0.0                  |
| GW-2              | 11/8/2006 | 54.2                | 35.8                | 0.0                | 10.0                 |
| GW-3              | 11/8/2006 | 63.1                | 25.5                | 0.0                | 11.4                 |
| GW-4              | 11/8/2006 | 57.4                | 41.6                | 0.0                | 1.0                  |
| GW-5              | 11/8/2006 | 56.6                | 4.2                 | 0.0                | 39.2                 |
| GW-6              | 11/8/2006 | 72.6                | 23.5                | 0.0                | 3.9                  |
| GW-7              | 11/8/2006 | 0.0                 | 0.2                 | 20.4               | 79.4                 |
| GW-8              | 11/8/2006 | 46.0                | 5.3                 | 0.0                | 48.7                 |
| GW-9              | 11/8/2006 | 25.4                | 8.9                 | 0.0                | 65.7                 |
| GW-10             | 11/8/2006 | 0.4                 | 9.3                 | 0.0                | 90.3                 |
| GW-11             | 11/8/2006 | 0.0                 | 8.4                 | 5.2                | 86.4                 |
| GW-12             | 11/8/2006 | 0.0                 | 4.4                 | 15.2               | 80.4                 |
| BH-201            | 11/8/2006 | 0.2                 | 2.4                 | 15.5               | 81.9                 |
| BH-301            | 11/8/2006 | 0.0                 | 0.0                 | 19.8               | 80.2                 |
| BH-501            | 11/8/2006 | 3.5                 | 1.7                 | 11.3               | 83.5                 |
| BH-502            | 11/8/2006 | 0.0                 | 2.2                 | 16.8               | 81.0                 |
| BH-801            | 11/8/2006 | 17.4                | 3.5                 | 6.9                | 72.2                 |
| BH-802            | 11/8/2006 | 0.0                 | 0.8                 | 20.1               | 79.1                 |
| BH-901            | 11/8/2006 | 0.0                 | 1.3                 | 19.5               | 79.2                 |
| V-1-1             | 11/8/2006 | 54.9                | 43.8                | 0.0                | 1.3                  |
| V-2-1             | 11/8/2006 | 53.1                | 22.1                | 2.3                | 22.5                 |
| V-2-2             | 11/8/2006 | 51.4                | 27.2                | 0.0                | 21.4                 |
| V-3-1             | 11/8/2006 | 14.4                | 6.1                 | 15.2               | 64.3                 |
| V-4-1             | 11/8/2006 | 17.4                | 15.2                | 9.9                | 57.5                 |
| V-4-2             | 11/8/2006 | 0.0                 | 0.0                 | 22.1               | 77.9                 |
| V-4-3             | 11/8/2006 | 5.8                 | 8.3                 | 13.1               | 72.8                 |
| V-4-4             | 11/8/2006 | 0.0                 | 0.0                 | 21.7               | 78.3                 |
| V-4-5             | 11/8/2006 | 0.0                 | 0.1                 | 21.7               | 78.2                 |
| V-4-6             | 11/8/2006 | 0.0                 | 0.0                 | 21.8               | 78.2                 |
| GW-1              | 2/8/2007  | 54.9                | 44.5                | 0.0                | 0.6                  |
| GW-2              | 2/8/2007  | 40.5                | 27.9                | 0.8                | 30.8                 |
| GW-3              | 2/8/2007  | 34.8                | 9.6                 | 2.8                | 52.8                 |
| GW-4 <sup>6</sup> | 2/8/2007  | 60.5                | 39.5                | 0.0                | 0.0                  |
| GW-5              | 2/8/2007  | 49.9                | 3.3                 | 0.0                | 46.8                 |
| GW-6 <sup>7</sup> | 2/8/2007  | 17.6                | 2.8                 | 16.2               | 63.4                 |
| GW-7              | 2/8/2007  | 0.0                 | 0.1                 | 20.8               | 79.1                 |
| GW-8              | 2/8/2007  | 0.9                 | 2.5                 | 14.0               | 82.6                 |
| GW-9              | 2/8/2007  | 0.0                 | 0.7                 | 19.9               | 79.4                 |
| GW-10             | 2/8/2007  | 0.0                 | 7.3                 | 1.4                | 91.3                 |
| GW-11             | 2/8/2007  | 0.0                 | 0.2                 | 20.7               | 79.1                 |
| GW-12             | 2/8/2007  | 0.0                 | 0.8                 | 19.6               | 79.6                 |
| BH-201            | 2/8/2007  | 0.0                 | 0.1                 | 21.1               | 78.8                 |
| BH-501            | 2/8/2007  | 0.0                 | 0.1                 | 20.6               | 79.3                 |
| BH-502            | 2/8/2007  | 0.0                 | 0.1                 | 20.6               | 79.3                 |
| V-1-1             | 2/8/2007  | 23.5                | 17.7                | 11.8               | 47.0                 |
| V-2-1             | 2/8/2007  | 6.4                 | 3.3                 | 18.5               | 71.8                 |
| V-2-2             | 2/8/2007  | 18.6                | 8.5                 | 15.1               | 57.8                 |
| V-3-1             | 2/8/2007  | 5.9                 | 1.7                 | 19.4               | 73.0                 |
| V-4-1             | 2/8/2007  | 0.0                 | 0.0                 | 20.8               | 79.2                 |
| V-4-2             | 2/8/2007  | 0.0                 | 0.0                 | 20.8               | 79.2                 |
| V-4-3             | 2/8/2007  | 0.1                 | 0.2                 | 20.0               | 79.7                 |
| V-4-4             | 2/8/2007  | 0.0                 | 0.1                 | 20.8               | 79.1                 |

See Notes on Page 21.

Georgia-Pacific, LLC  
 Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site  
 King Highway Landfill Operable Unit 3  
 Landfill Gas Monitoring Program

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date       | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|------------|---------------------|---------------------|--------------------|----------------------|
| V-4-5           | 2/8/2007   | 0.0                 | 0.0                 | 20.8               | 79.2                 |
| V-4-6           | 2/8/2007   | 0.0                 | 0.0                 | 20.8               | 79.2                 |
| GW-1            | 5/10/2007  | 52.8                | 46.8                | 0.2                | 0.2                  |
| GW-2            | 5/10/2007  | 61.5                | 38.0                | 0.2                | 0.3                  |
| GW-3            | 5/10/2007  | 46.8                | 20.0                | 20.1               | 13.1                 |
| GW-4            | 5/10/2007  | 50.2                | 44.6                | 0.4                | 4.8                  |
| GW-5            | 5/10/2007  | 26.2                | 6.4                 | 1.6                | 65.8                 |
| GW-6            | 5/10/2007  | 64.5                | 24.9                | 0.4                | 10.2                 |
| GW-7            | 5/10/2007  | 0.0                 | 1.6                 | 18.6               | 79.8                 |
| GW-8            | 5/10/2007  | 17.0                | 7.8                 | 0.4                | 74.8                 |
| GW-9            | 5/10/2007  | 0.0                 | 14.4                | 0.9                | 84.7                 |
| GW-10           | 5/10/2007  | 0.0                 | 1.1                 | 18.9               | 80.0                 |
| GW-11           | 5/10/2007  | 0.0                 | 4.1                 | 13.3               | 82.6                 |
| GW-12           | 5/10/2007  | 0.0                 | 3.0                 | 15.0               | 82.0                 |
| BH-201          | 5/10/2007  | 0.0                 | 0.7                 | 20.0               | 79.3                 |
| BH-301          | 5/10/2007  | 0.0                 | 0.5                 | 20.4               | 79.1                 |
| BH-501          | 5/10/2007  | 0.0                 | 0.8                 | 20.2               | 79.0                 |
| BH-502          | 5/10/2007  | 0.0                 | 2.4                 | 17.1               | 80.5                 |
| BH-801          | 5/10/2007  | 0.0                 | 1.8                 | 19.0               | 79.2                 |
| BH-802          | 5/10/2007  | 0.0                 | 0.4                 | 20.6               | 79.0                 |
| V-1-1           | 5/10/2007  | 57.0                | 42.4                | 0.1                | 0.5                  |
| V-2-1           | 5/10/2007  | 35.0                | 15.0                | 9.6                | 40.4                 |
| V-2-2           | 5/10/2007  | 33.7                | 18.4                | 8.2                | 39.7                 |
| V-3-1           | 5/10/2007  | 4.0                 | 1.8                 | 19.2               | 75.0                 |
| V-4-1           | 5/10/2007  | 14.6                | 19.7                | 6.4                | 59.3                 |
| V-4-2           | 5/10/2007  | 7.0                 | 4.1                 | 18.2               | 70.7                 |
| V-4-3           | 5/10/2007  | 0.3                 | 2.0                 | 16.0               | 81.7                 |
| V-4-4           | 5/10/2007  | 0.0                 | 0.4                 | 20.7               | 78.9                 |
| V-4-5           | 5/10/2007  | 0.0                 | 2.8                 | 17.2               | 80.0                 |
| V-4-6           | 5/10/2007  | 0.0                 | 5.2                 | 16.1               | 78.7                 |
| GW-1            | 8/8/2007   | 50.5                | 45.0                | 0.0                | 4.5                  |
| GW-2            | 8/8/2007   | 41.5                | 36.6                | 0.0                | 21.9                 |
| GW-3            | 8/8/2007   | 33.0                | 24.9                | 5.5                | 36.6                 |
| GW-4            | 8/8/2007   | 40.7                | 41.5                | 0.0                | 17.8                 |
| GW-5            | 8/8/2007   | 8.6                 | 11.2                | 0.6                | 79.6                 |
| GW-6            | 8/8/2007   | 4.6                 | 6.0                 | 14.0               | 75.4                 |
| GW-7            | 8/8/2007   | 0.0                 | 2.2                 | 15.7               | 82.1                 |
| GW-8            | 8/8/2007   | 0.0                 | 7.2                 | 11.1               | 81.7                 |
| GW-9            | 8/8/2007   | 0.0                 | 5.4                 | 12.4               | 82.2                 |
| GW-10           | 8/8/2007   | 0.0                 | 3.4                 | 13.6               | 83.0                 |
| GW-11           | 8/8/2007   | 0.0                 | 12.0                | 6.7                | 81.3                 |
| GW-12           | 8/8/2007   | 0.0                 | 2.9                 | 14.3               | 82.8                 |
| BH-201          | 8/8/2007   | 0.0                 | 4.0                 | 14.5               | 81.5                 |
| BH-301          | 8/8/2007   | 4.3                 | 11.1                | 9.0                | 75.6                 |
| BH-501          | 8/8/2007   | 0.0                 | 5.0                 | 11.9               | 83.1                 |
| BH-502          | 8/8/2007   | 0.0                 | 1.4                 | 16.8               | 81.8                 |
| V-1-1           | 8/8/2007   | 51.8                | 47.2                | 0.0                | 1.0                  |
| V-2-1           | 8/8/2007   | 1.5                 | 0.7                 | 17.4               | 80.4                 |
| V-2-2           | 8/8/2007   | 41.4                | 28.0                | 5.5                | 25.1                 |
| V-3-1           | 8/8/2007   | 0.7                 | 0.3                 | 18.0               | 81.0                 |
| V-4-1           | 8/8/2007   | 0.0                 | 0.0                 | 18.3               | 81.7                 |
| V-4-2           | 8/8/2007   | 0.0                 | 0.3                 | 18.0               | 81.7                 |
| V-4-3           | 8/8/2007   | 0.0                 | 0.2                 | 18.0               | 81.8                 |
| V-4-4           | 8/8/2007   | 0.0                 | 0.3                 | 18.0               | 81.7                 |
| V-4-5           | 8/8/2007   | 0.0                 | 13.4                | 6.4                | 80.2                 |
| V-4-6           | 8/8/2007   | 0.0                 | 15.1                | 4.9                | 80.0                 |
| GW-1            | 10/31/2007 | 54.1                | 45.7                | 0.1                | 0.1                  |
| GW-2            | 10/31/2007 | 58.9                | 40.9                | 0.1                | 0.1                  |
| GW-3            | 10/31/2007 | 41.6                | 18.8                | 2.5                | 37.1                 |
| GW-4            | 10/31/2007 | 23.3                | 18.9                | 11.3               | 46.5                 |
| GW-5            | 10/31/2007 | 23.6                | 6.1                 | 0.2                | 70.1                 |
| GW-6            | 10/31/2007 | 70.6                | 29.1                | 0.1                | 0.2                  |
| GW-7            | 10/31/2007 | 0.0                 | 3.3                 | 16.1               | 80.6                 |
| GW-8            | 10/31/2007 | 9.4                 | 8.9                 | 0.2                | 81.5                 |
| GW-9            | 10/31/2007 | 11.5                | 11.6                | 0.1                | 76.8                 |
| GW-10           | 10/31/2007 | 0.0                 | 1.3                 | 17.9               | 80.8                 |
| GW-11           | 10/31/2007 | 0.0                 | 1.4                 | 18.1               | 80.5                 |
| GW-12           | 10/31/2007 | 0.0                 | 4.5                 | 15.5               | 80.0                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date       | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|------------|---------------------|---------------------|--------------------|----------------------|
| BH-201          | 10/31/2007 | 0.0                 | 0.9                 | 19.1               | 80.0                 |
| BH-301          | 10/31/2007 | 42.7                | 20.2                | 3.1                | 34.0                 |
| BH-302          | 10/31/2007 | 0.0                 | 0.1                 | 20.4               | 79.5                 |
| BH-501          | 10/31/2007 | 0.0                 | 1.9                 | 17.1               | 81.0                 |
| BH-502          | 10/31/2007 | 0.0                 | 0.5                 | 19.4               | 80.1                 |
| BH-701          | 10/31/2007 | 0.0                 | 3.5                 | 16.0               | 80.5                 |
| BH-801          | 10/31/2007 | 0.0                 | 2.6                 | 14.1               | 83.3                 |
| BH-802          | 10/31/2007 | 0.0                 | 1.0                 | 19.3               | 79.7                 |
| BH-901          | 10/31/2007 | 0.0                 | 0.8                 | 18.8               | 80.4                 |
| V-1-1           | 10/31/2007 | 54.9                | 45.0                | 0.1                | 0.0                  |
| V-2-1           | 10/31/2007 | 67.8                | 30.2                | 0.6                | 1.4                  |
| V-2-2           | 10/31/2007 | 59.3                | 31.5                | 1.8                | 7.4                  |
| V-3-1           | 10/31/2007 | 19.2                | 8.5                 | 13.7               | 58.6                 |
| V-4-1           | 10/31/2007 | 0.0                 | 0.0                 | 20.4               | 79.6                 |
| V-4-2           | 10/31/2007 | 0.0                 | 0.0                 | 20.3               | 79.7                 |
| V-4-3           | 10/31/2007 | 0.0                 | 0.0                 | 20.4               | 79.6                 |
| V-4-4           | 10/31/2007 | 0.0                 | 0.0                 | 20.3               | 79.7                 |
| V-4-5           | 10/31/2007 | 0.0                 | 0.0                 | 20.4               | 79.6                 |
| V-4-6           | 10/31/2007 | 0.0                 | 0.0                 | 20.4               | 79.6                 |
| GW-1            | 2/14/2008  | 55.6                | 44.2                | 0.2                | 0.0                  |
| GW-2            | 2/14/2008  | 46.9                | 31.7                | 3.1                | 18.3                 |
| GW-3            | 2/14/2008  | 0.2                 | 0.4                 | 21.6               | 77.8                 |
| GW-4            | 2/14/2008  | 58.3                | 40.6                | 1.1                | 0.0                  |
| GW-5            | 2/14/2008  | 11.5                | 5.8                 | 1.8                | 80.9                 |
| GW-6            | 2/14/2008  | 10.2                | 4.1                 | 14.1               | 71.6                 |
| GW-7            | 2/14/2008  | 0.0                 | 0.4                 | 20.7               | 78.9                 |
| GW-8            | 2/14/2008  | 0.0                 | 1.0                 | 20.2               | 78.8                 |
| GW-9            | 2/14/2008  | 0.0                 | 1.0                 | 19.4               | 79.6                 |
| GW-10           | 2/14/2008  | NA                  | NA                  | NA                 | NA                   |
| GW-11           | 2/14/2008  | 0.0                 | 0.8                 | 20.4               | 78.8                 |
| GW-12           | 2/14/2008  | 0.2                 | 0.6                 | 17.7               | 81.5                 |
| V-1-1           | 2/14/2008  | 20.4                | 18.7                | 12.9               | 48.0                 |
| V-2-1           | 2/14/2008  | 18.9                | 10.7                | 12.5               | 57.9                 |
| V-2-2           | 2/14/2008  | 24.8                | 12.8                | 14.7               | 47.7                 |
| V-3-1           | 2/14/2008  | 0.5                 | 0.5                 | 21.6               | 77.4                 |
| V-4-1           | 2/14/2008  | 0.0                 | 0.1                 | 21.4               | 78.5                 |
| V-4-2           | 2/14/2008  | 0.2                 | 0.5                 | 20.6               | 78.7                 |
| V-4-3           | 2/14/2008  | 0.9                 | 1.5                 | 19.9               | 77.7                 |
| V-4-4           | 2/14/2008  | 0.0                 | 0.1                 | 20.3               | 79.6                 |
| V-4-5           | 2/14/2008  | 0.0                 | 0.4                 | 20.1               | 79.5                 |
| V-4-6           | 2/14/2008  | 0.0                 | 0.1                 | 20.2               | 79.7                 |
| GW-1            | 5/15/2008  | 50.1                | 42.5                | 0.0                | 7.4                  |
| GW-2            | 5/15/2008  | 0.3                 | 0.6                 | 19.3               | 79.8                 |
| GW-3            | 5/15/2008  | 5.2                 | 5.6                 | 13.6               | 75.6                 |
| GW-4            | 5/15/2008  | 47.8                | 37.2                | 0.0                | 15.0                 |
| GW-5            | 5/15/2008  | 8.3                 | 4.7                 | 6.1                | 80.9                 |
| GW-6            | 5/15/2008  | 0.1                 | 20.0                | 1.3                | 78.6                 |
| GW-7            | 5/15/2008  | 0.1                 | 1.9                 | 17.5               | 80.5                 |
| GW-8            | 5/15/2008  | 0.1                 | 2.6                 | 15.2               | 82.1                 |
| GW-9            | 5/15/2008  | 0.0                 | 6.1                 | 12.4               | 81.5                 |
| GW-10           | 5/15/2008  | 0.0                 | 7.8                 | 7.3                | 84.9                 |
| GW-11           | 5/15/2008  | 0.0                 | 8.7                 | 10.1               | 81.2                 |
| GW-12           | 5/15/2008  | 0.0                 | 6.3                 | 19.3               | 74.4                 |
| V-1-1           | 5/15/2008  | 54.4                | 43.8                | 0.0                | 1.8                  |
| V-1-2           | 5/15/2008  | 1.1                 | 2.0                 | 18.8               | 78.1                 |
| V-1-3           | 5/15/2008  | 0.0                 | 0.0                 | 20.1               | 79.9                 |
| V-1-4           | 5/15/2008  | 0.0                 | 0.2                 | 19.9               | 79.9                 |
| V-1-5           | 5/15/2008  | 0.1                 | 0.0                 | 20.1               | 79.8                 |
| V-1-6           | 5/15/2008  | 0.1                 | 0.0                 | 20.2               | 79.7                 |
| V-2-1           | 5/15/2008  | 1.9                 | 3.6                 | 15.9               | 78.6                 |
| V-2-2           | 5/15/2008  | 18.1                | 9.5                 | 13.1               | 59.3                 |
| V-2-10          | 5/15/2008  | 0.1                 | 0.0                 | 19.8               | 80.1                 |
| V-3-1           | 5/15/2008  | 3.2                 | 1.2                 | 18.8               | 76.8                 |
| V-4-1           | 5/15/2008  | 0.0                 | 0.0                 | 20.1               | 79.9                 |
| V-4-2           | 5/15/2008  | 0.4                 | 1.3                 | 18.9               | 79.4                 |
| V-4-3           | 5/15/2008  | 0.1                 | 0.8                 | 19.3               | 79.8                 |
| V-4-4           | 5/15/2008  | 0.0                 | 0.0                 | 20.1               | 79.9                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date      | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|-----------|---------------------|---------------------|--------------------|----------------------|
| V-4-5           | 5/15/2008 | 0.0                 | 0.0                 | 20.1               | 79.9                 |
| V-4-6           | 5/15/2008 | 0.0                 | 0.0                 | 20.0               | 80.0                 |
| BH-201          | 8/6/2008  | 0.0                 | 3.4                 | 15.9               | 80.7                 |
| GW-1            | 8/6/2008  | 45.5                | 45.9                | 0.0                | 8.6                  |
| GW-2            | 8/6/2008  | 34.1                | 35.2                | 0.0                | 30.7                 |
| GW-3            | 8/6/2008  | 0.6                 | 3.5                 | 14.9               | 81.0                 |
| GW-4            | 8/6/2008  | 39.0                | 43.6                | 0.0                | 17.4                 |
| GW-5            | 8/6/2008  | 0.1                 | 4.7                 | 10.9               | 84.3                 |
| GW-6            | 8/6/2008  | 0.0                 | 2.2                 | 16.9               | 80.9                 |
| GW-7            | 8/6/2008  | 0.1                 | 0.4                 | 18.9               | 80.6                 |
| GW-8            | 8/6/2008  | 0.0                 | 8.4                 | 11.7               | 79.9                 |
| GW-9            | 8/6/2008  | 0.1                 | 2.8                 | 16.7               | 80.4                 |
| GW-10           | 8/6/2008  | 0.0                 | 11.6                | 5.8                | 82.6                 |
| GW-11           | 8/6/2008  | 0.0                 | 12.0                | 9.5                | 78.5                 |
| GW-12           | 8/6/2008  | 0.3                 | 9.2                 | 10.0               | 80.5                 |
| V-1-1           | 8/6/2008  | 51.4                | 47.7                | 0.0                | 0.9                  |
| V-1-2           | 8/6/2008  | 2.6                 | 13.2                | 9.1                | 75.1                 |
| V-1-3           | 8/6/2008  | 0.2                 | 0.3                 | 19.7               | 79.8                 |
| V-1-4           | 8/6/2008  | 0.4                 | 0.7                 | 19.6               | 79.3                 |
| V-1-5           | 8/6/2008  | 0.3                 | 0.9                 | 19.3               | 79.5                 |
| V-1-6           | 8/6/2008  | 2.5                 | 16.3                | 2.9                | 78.3                 |
| V-2-1           | 8/6/2008  | 29.7                | 16.7                | 8.6                | 45.0                 |
| V-2-2           | 8/6/2008  | 37.4                | 22.7                | 8.5                | 31.4                 |
| V-2-3           | 8/6/2008  | 0.2                 | 0.1                 | 19.6               | 80.1                 |
| V-2-10          | 8/6/2008  | 0.6                 | 4.3                 | 15.1               | 80.0                 |
| V-2-18          | 8/6/2008  | 0.1                 | 0.4                 | 19.6               | 79.9                 |
| V-3-1           | 8/6/2008  | 3.0                 | 1.2                 | 19.0               | 76.8                 |
| V-4-1           | 8/6/2008  | 0.0                 | 0.3                 | 19.7               | 80.0                 |
| V-4-2           | 8/6/2008  | 0.0                 | 0.7                 | 19.3               | 80.0                 |
| V-4-3           | 8/6/2008  | 0.0                 | 0.2                 | 19.7               | 80.1                 |
| V-4-4           | 8/6/2008  | 0.3                 | 0.6                 | 16.8               | 82.3                 |
| V-4-5           | 8/6/2008  | 0.3                 | 0.4                 | 19.7               | 79.6                 |
| V-4-6           | 8/6/2008  | 0.3                 | 3.7                 | 16.3               | 79.7                 |
| GW-1            | 11/5/2008 | 55.9                | 44.1                | 0.0                | 0.0                  |
| GW-2            | 11/5/2008 | 60.5                | 35.1                | 0.1                | 4.3                  |
| GW-3            | 11/5/2008 | 49.7                | 20.5                | 2.4                | 27.4                 |
| GW-4            | 11/5/2008 | 56.7                | 41.1                | 0.2                | 2.0                  |
| GW-5            | 11/5/2008 | 0.0                 | 8.0                 | 4.3                | 87.7                 |
| GW-6            | 11/5/2008 | 0.0                 | 4.5                 | 12.9               | 82.6                 |
| GW-7            | 11/5/2008 | 0.0                 | 2.6                 | 15.3               | 82.1                 |
| GW-8            | 11/5/2008 | 0.0                 | 9.2                 | 6.5                | 84.3                 |
| GW-9            | 11/5/2008 | 0.0                 | 0.5                 | 20.5               | 79.0                 |
| GW-10           | 11/5/2008 | 0.0                 | 0.4                 | 20.4               | 79.2                 |
| GW-11           | 11/5/2008 | 0.0                 | 10.5                | 6.9                | 82.6                 |
| GW-12           | 11/5/2008 | 0.0                 | 6.1                 | 14.4               | 79.5                 |
| BH-201          | 11/5/2008 | 0.0                 | 0.7                 | 20.1               | 79.2                 |
| BH-301          | 11/5/2008 | 0.0                 | 0.6                 | 20.3               | 79.1                 |
| V-1-1           | 11/5/2008 | 55.8                | 44.2                | 0.0                | 0.0                  |
| V-1-2           | 11/5/2008 | 1.6                 | 4.8                 | 16.1               | 77.5                 |
| V-1-3           | 11/5/2008 | 0.0                 | 0.1                 | 20.5               | 79.4                 |
| V-1-4           | 11/5/2008 | 0.0                 | 0.0                 | 20.6               | 79.4                 |
| V-1-5           | 11/5/2008 | 0.0                 | 0.3                 | 20.3               | 79.4                 |
| V-1-6           | 11/5/2008 | 0.0                 | 0.1                 | 20.6               | 79.3                 |
| V-2-1           | 11/5/2008 | 50.9                | 22.1                | 5.9                | 21.1                 |
| V-2-2           | 11/5/2008 | 55.4                | 28.2                | 3.3                | 13.1                 |
| V-2-3           | 11/5/2008 | 0.1                 | 0.2                 | 20.7               | 79.0                 |
| V-2-10          | 11/5/2008 | 1.0                 | 3.5                 | 16.5               | 79.0                 |
| V-2-18          | 11/5/2008 | 0.0                 | 0.0                 | 21.0               | 79.0                 |
| V-4-1           | 11/5/2008 | 3.5                 | 4.5                 | 16.8               | 75.2                 |
| V-4-2           | 11/5/2008 | 4.2                 | 8.8                 | 12.4               | 74.6                 |
| V-4-3           | 11/5/2008 | 2.5                 | 6.7                 | 14.0               | 76.8                 |
| V-4-4           | 11/5/2008 | 0.0                 | 0.0                 | 21.1               | 78.9                 |
| V-4-5           | 11/5/2008 | 0.0                 | 0.0                 | 21.1               | 78.9                 |
| V-4-6           | 11/5/2008 | 0.0                 | 0.0                 | 20.8               | 79.2                 |
| GW-1            | 2/5/2009  | 56.5                | 39.5                | 4.0                | 0.0                  |
| GW-2            | 2/5/2009  | 0.1                 | 0.2                 | 19.4               | 80.3                 |
| GW-3            | 2/5/2009  | 0.1                 | 0.2                 | 19.7               | 80.0                 |
| GW-4            | 2/5/2009  | 0.0                 | 0.2                 | 19.0               | 80.8                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date      | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|-----------|---------------------|---------------------|--------------------|----------------------|
| GW-5            | 2/5/2009  | 0.1                 | 4.0                 | 11.3               | 84.6                 |
| GW-6            | 2/5/2009  | 0.1                 | 0.6                 | 18.4               | 80.9                 |
| GW-7            | 2/5/2009  | 0.1                 | 0.3                 | 19.5               | 80.1                 |
| GW-8            | 2/5/2009  | 0.1                 | 4.2                 | 16.2               | 79.5                 |
| GW-9            | 2/5/2009  | 0.1                 | 1.5                 | 18.4               | 80.0                 |
| GW-10           | 2/5/2009  | 0.1                 | 0.2                 | 19.7               | 80.0                 |
| GW-11           | 2/5/2009  | 0.1                 | 0.3                 | 18.4               | 81.2                 |
| GW-12           | 2/5/2009  | 0.1                 | 0.6                 | 17.6               | 81.7                 |
| V-1-1           | 2/5/2009  | 36.2                | 27.0                | 11.2               | 25.6                 |
| V-1-2           | 2/5/2009  | 1.2                 | 1.9                 | 19.0               | 77.9                 |
| V-1-3           | 2/5/2009  | 0.1                 | 0.2                 | 19.6               | 80.1                 |
| V-1-4           | 2/5/2009  | 0.1                 | 0.2                 | 19.7               | 80.0                 |
| V-1-5           | 2/5/2009  | 0.1                 | 0.2                 | 19.6               | 80.1                 |
| V-1-6           | 2/5/2009  | 0.1                 | 0.3                 | 19.6               | 80.0                 |
| V-2-1           | 2/5/2009  | 13.7                | 8.5                 | 12.4               | 65.4                 |
| V-2-2           | 2/5/2009  | 16.4                | 9.1                 | 13.0               | 61.5                 |
| V-2-3           | 2/5/2009  | 0.1                 | 0.2                 | 19.4               | 80.3                 |
| V-2-10          | 2/5/2009  | 0.1                 | 0.2                 | 19.2               | 80.5                 |
| V-2-18          | 2/5/2009  | 0.1                 | 0.3                 | 18.4               | 81.2                 |
| V-3-1           | 2/5/2009  | 1.9                 | 0.8                 | 16.5               | 80.8                 |
| V-4-1           | 2/5/2009  | 3.3                 | 3.1                 | 17.0               | 76.6                 |
| V-4-2           | 2/5/2009  | 0.9                 | 1.1                 | 17.9               | 80.1                 |
| V-4-3           | 2/5/2009  | 0.8                 | 1.1                 | 17.8               | 80.3                 |
| V-4-4           | 2/5/2009  | 0.1                 | 0.2                 | 18.0               | 81.7                 |
| V-4-5           | 2/5/2009  | 0.1                 | 0.4                 | 16.8               | 82.7                 |
| V-4-6           | 2/5/2009  | 0.1                 | 1.2                 | 17.4               | 81.3                 |
| GW-1            | 5/21/2009 | 52.6                | 46.1                | 0.4                | 0.9                  |
| GW-2            | 5/21/2009 | 48.8                | 36.5                | 0.4                | 14.3                 |
| GW-3            | 5/21/2009 | 13.5                | 6.3                 | 10.6               | 69.6                 |
| GW-4            | 5/21/2009 | 52.1                | 46.5                | 0.5                | 0.9                  |
| GW-5            | 5/21/2009 | 0.0                 | 7.5                 | 6.8                | 85.7                 |
| GW-6            | 5/21/2009 | 0.0                 | 3.9                 | 11.1               | 85.0                 |
| GW-7            | 5/21/2009 | 0.0                 | 1.8                 | 16.7               | 81.5                 |
| GW-8            | 5/21/2009 | 0.0                 | 6.1                 | 12.0               | 81.9                 |
| GW-9            | 5/21/2009 | 0.0                 | 2.6                 | 16.6               | 80.8                 |
| GW-10           | 5/21/2009 | 0.0                 | 7.7                 | 6.9                | 85.4                 |
| GW-11           | 5/21/2009 | 0.0                 | 14.0                | 6.3                | 79.7                 |
| GW-12           | 5/21/2009 | 0.0                 | 2.6                 | 15.4               | 82.0                 |
| BH-201          | 5/21/2009 | 0.1                 | 0.7                 | 18.5               | 80.7                 |
| BH-301          | 5/21/2009 | 0.0                 | 0.2                 | 19.2               | 80.6                 |
| V-1-1           | 5/21/2009 | 52.4                | 42.8                | 1.4                | 3.4                  |
| V-1-2           | 5/21/2009 | 0.0                 | 0.0                 | 19.4               | 80.6                 |
| V-1-3           | 5/21/2009 | 0.0                 | 0.0                 | 19.4               | 80.6                 |
| V-1-4           | 5/21/2009 | 0.0                 | 0.0                 | 19.3               | 80.7                 |
| V-1-5           | 5/21/2009 | 2.1                 | 5.6                 | 14.5               | 77.8                 |
| V-1-6           | 5/21/2009 | 0.0                 | 0.0                 | 19.1               | 80.9                 |
| V-2-1           | 5/21/2009 | 28.5                | 13.1                | 11.1               | 47.3                 |
| V-2-2           | 5/21/2009 | 28.0                | 13.1                | 11.8               | 47.1                 |
| V-2-3           | 5/21/2009 | 0.0                 | 0.0                 | 19.3               | 80.7                 |
| V-2-10          | 5/21/2009 | 0.0                 | 0.0                 | 19.6               | 80.4                 |
| V-2-18          | 5/21/2009 | 0.0                 | 0.0                 | 19.5               | 80.5                 |
| V-3-1           | 5/21/2009 | 3.2                 | 0.9                 | 18.8               | 77.1                 |
| V-4-1           | 5/21/2009 | 1.7                 | 5.9                 | 13.6               | 78.8                 |
| V-4-2           | 5/21/2009 | 0.0                 | 0.0                 | 19.4               | 80.6                 |
| V-4-3           | 5/21/2009 | 0.0                 | 0.2                 | 19.3               | 80.5                 |
| V-4-4           | 5/21/2009 | 0.0                 | 0.0                 | 19.6               | 80.4                 |
| V-4-5           | 5/21/2009 | 0.0                 | 0.0                 | 19.5               | 80.5                 |
| V-4-6           | 5/21/2009 | 0.0                 | 0.0                 | 19.6               | 80.4                 |
| GW-1            | 8/19/2009 | 52.6                | 46.0                | 0.4                | 1.0                  |
| GW-2            | 8/19/2009 | 56.7                | 39.9                | 0.5                | 2.9                  |
| GW-3            | 8/19/2009 | 46.5                | 25.5                | 3.4                | 24.6                 |
| GW-4            | 8/19/2009 | 31.3                | 37.8                | 0.1                | 30.8                 |
| GW-5            | 8/19/2009 | 0.0                 | 10.7                | 7.7                | 81.6                 |
| GW-6            | 8/19/2009 | 0.0                 | 1.6                 | 16.1               | 82.3                 |
| GW-7            | 8/19/2009 | 0.0                 | 4.3                 | 13.1               | 82.6                 |
| GW-8            | 8/19/2009 | 0.0                 | 6.1                 | 10.8               | 83.1                 |
| GW-9            | 8/19/2009 | 0.0                 | 4.2                 | 13.5               | 82.3                 |
| GW-10           | 8/19/2009 | 0.0                 | 0.6                 | 17.6               | 81.8                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date       | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|------------|---------------------|---------------------|--------------------|----------------------|
| GW-11           | 8/19/2009  | 0.0                 | 5.9                 | 11.8               | 82.3                 |
| GW-12           | 8/19/2009  | 0.1                 | 13.4                | 4.0                | 82.5                 |
| BH-201          | 8/19/2009  | 0.0                 | 1.2                 | 17.4               | 81.4                 |
| BH-301          | 8/19/2009  | 0.0                 | 1.5                 | 17.8               | 80.7                 |
| V-1-1           | 8/19/2009  | 29.3                | 27.8                | 8.0                | 34.9                 |
| V-1-2           | 8/19/2009  | 10.3                | 11.9                | 11.3               | 66.5                 |
| V-1-3           | 8/19/2009  | 2.2                 | 6.3                 | 13.1               | 78.4                 |
| V-1-4           | 8/19/2009  | 0.0                 | 0.1                 | 19.2               | 80.7                 |
| V-1-5           | 8/19/2009  | 0.0                 | 0.0                 | 19.3               | 80.7                 |
| V-1-6           | 8/19/2009  | 0.0                 | 0.0                 | 19.3               | 80.7                 |
| V-2-1           | 8/19/2009  | 22.5                | 12.0                | 12.1               | 53.4                 |
| V-2-2           | 8/19/2009  | 39.6                | 23.5                | 6.9                | 30.0                 |
| V-2-3           | 8/19/2009  | 0.3                 | 2.1                 | 16.3               | 81.3                 |
| V-2-10          | 8/19/2009  | 0.5                 | 2.7                 | 15.5               | 81.3                 |
| V-2-18          | 8/19/2009  | 0.0                 | 0.0                 | 18.9               | 81.1                 |
| V-3-1           | 8/19/2009  | 1.9                 | 1.0                 | 18.3               | 78.8                 |
| V-4-1           | 8/19/2009  | 0.3                 | 0.4                 | 18.7               | 80.6                 |
| V-4-2           | 8/19/2009  | 0.0                 | 0.0                 | 18.9               | 81.1                 |
| V-4-3           | 8/19/2009  | 0.3                 | 0.5                 | 18.6               | 80.6                 |
| V-4-4           | 8/19/2009  | 0.2                 | 0.4                 | 17.9               | 81.5                 |
| V-4-5           | 8/19/2009  | 0.0                 | 0.6                 | 18.6               | 80.8                 |
| V-4-6           | 8/19/2009  | 0.3                 | 11.5                | 8.5                | 79.7                 |
| GW-1            | 11/12/2009 | 56.9                | 43.0                | 0.1                | 0.0                  |
| GW-2            | 11/12/2009 | 56.6                | 37.8                | 0.0                | 5.6                  |
| GW-3            | 11/12/2009 | 4.5                 | 5.6                 | 11.7               | 78.2                 |
| GW-4            | 11/12/2009 | 60.0                | 39.8                | 0.2                | 0.0                  |
| GW-5            | 11/12/2009 | 0.0                 | 9.3                 | 5.7                | 85.0                 |
| GW-6            | 11/12/2009 | 0.0                 | 1.7                 | 17.0               | 81.3                 |
| GW-7            | 11/12/2009 | 0.0                 | 3.6                 | 16.3               | 80.1                 |
| GW-8            | 11/12/2009 | 0.0                 | 5.4                 | 13.4               | 81.2                 |
| GW-9            | 11/12/2009 | 0.0                 | 1.8                 | 18.5               | 79.7                 |
| GW-10           | 11/12/2009 | 0.0                 | 3.2                 | 14.0               | 82.8                 |
| GW-11           | 11/12/2009 | 0.0                 | 1.4                 | 18.5               | 80.1                 |
| GW-12           | 11/12/2009 | 0.0                 | 4.0                 | 16.6               | 79.4                 |
| BH-201          | 11/12/2009 | 1.7                 | 5.0                 | 14.6               | 78.7                 |
| V-1-1           | 11/12/2009 | 58.0                | 41.9                | 0.1                | 0.0                  |
| V-1-2           | 11/12/2009 | 0.9                 | 3.3                 | 17.8               | 78.0                 |
| V-1-3           | 11/12/2009 | 0.0                 | 0.0                 | 20.7               | 79.3                 |
| V-1-4           | 11/12/2009 | 0.0                 | 0.1                 | 20.5               | 79.4                 |
| V-1-5           | 11/12/2009 | 0.0                 | 0.5                 | 19.8               | 79.7                 |
| V-1-6           | 11/12/2009 | 0.0                 | 0.1                 | 20.4               | 79.5                 |
| V-2-1           | 11/12/2009 | 38.9                | 20.7                | 5.1                | 35.3                 |
| V-2-2           | 11/12/2009 | 43.6                | 21.8                | 7.0                | 27.6                 |
| V-2-3           | 11/12/2009 | 0.0                 | 0.1                 | 20.6               | 79.3                 |
| V-2-10          | 11/12/2009 | 0.7                 | 0.7                 | 19.7               | 78.9                 |
| V-2-18          | 11/12/2009 | 0.0                 | 0.1                 | 20.6               | 79.3                 |
| V-3-1           | 11/12/2009 | 1.6                 | 0.7                 | 20.0               | 77.7                 |
| V-4-1           | 11/12/2009 | 2.1                 | 1.4                 | 19.7               | 76.8                 |
| V-4-2           | 11/12/2009 | 0.0                 | 0.1                 | 20.6               | 79.3                 |
| V-4-3           | 11/12/2009 | 0.3                 | 1.4                 | 19.1               | 79.2                 |
| V-4-4           | 11/12/2009 | 0.0                 | 0.1                 | 20.6               | 79.3                 |
| V-4-5           | 11/12/2009 | 0.0                 | 0.6                 | 20.0               | 79.4                 |
| V-4-6           | 11/12/2009 | 0.0                 | 0.1                 | 20.5               | 79.4                 |
| GW-1            | 2/19/2010  | 0.7                 | 0.9                 | 20.3               | 78.1                 |
| GW-2            | 2/19/2010  | 0.0                 | 0.2                 | 20.6               | 79.2                 |
| GW-3            | 2/19/2010  | 44.9                | 15.9                | 0.0                | 39.2                 |
| GW-4            | 2/19/2010  | 45.5                | 38.1                | 0.6                | 15.8                 |
| GW-5            | 2/19/2010  | 0.0                 | 0.2                 | 19.4               | 80.4                 |
| GW-6            | 2/19/2010  | 0.0                 | 0.0                 | 20.2               | 79.8                 |
| GW-7            | 2/19/2010  | 0.0                 | 0.0                 | 20.5               | 79.5                 |
| GW-8            | 2/19/2010  | 0.0                 | 0.5                 | 19.0               | 80.5                 |
| GW-9            | 2/19/2010  | 0.0                 | 0.8                 | 19.8               | 79.4                 |
| GW-10           | 2/19/2010  | 0.0                 | 0.0                 | 20.1               | 79.9                 |
| GW-11           | 2/19/2010  | 0.0                 | 0.0                 | 20.4               | 79.6                 |
| GW-12           | 2/19/2010  | 0.0                 | 0.0                 | 20.6               | 79.4                 |
| BH-301          | 2/19/2010  | 0.0                 | 0.0                 | 20.3               | 79.7                 |
| V-1-1           | 2/19/2010  | 22.4                | 17.4                | 12.4               | 47.8                 |
| V-1-2           | 2/19/2010  | 0.3                 | 1.3                 | 18.8               | 79.6                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date      | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|-----------|---------------------|---------------------|--------------------|----------------------|
| V-1-3           | 2/19/2010 | 0.0                 | 0.0                 | 20.4               | 79.6                 |
| V-1-4           | 2/19/2010 | 0.0                 | 0.0                 | 20.5               | 79.5                 |
| V-1-5           | 2/19/2010 | 0.0                 | 0.0                 | 20.6               | 79.4                 |
| V-1-6           | 2/19/2010 | 0.0                 | 0.0                 | 20.6               | 79.4                 |
| V-2-1           | 2/19/2010 | 0.0                 | 0.0                 | 20.9               | 79.1                 |
| V-2-2           | 2/19/2010 | 0.0                 | 0.0                 | 19.8               | 80.2                 |
| V-2-3           | 2/19/2010 | 0.0                 | 0.0                 | 21.0               | 79.0                 |
| V-2-10          | 2/19/2010 | 0.0                 | 0.0                 | 21.0               | 79.0                 |
| V-2-18          | 2/19/2010 | 0.0                 | 0.0                 | 21.0               | 79.0                 |
| V-3-1           | 2/19/2010 | 0.0                 | 0.0                 | 21.0               | 79.0                 |
| V-4-1           | 2/19/2010 | 0.4                 | 0.7                 | 19.8               | 79.1                 |
| V-4-2           | 2/19/2010 | 0.0                 | 0.0                 | 20.6               | 79.4                 |
| V-4-3           | 2/19/2010 | 0.0                 | 0.0                 | 20.4               | 79.6                 |
| V-4-4           | 2/19/2010 | 0.0                 | 0.0                 | 20.6               | 79.4                 |
| V-4-5           | 2/19/2010 | 0.0                 | 0.0                 | 20.6               | 79.4                 |
| V-4-6           | 2/19/2010 | 0.0                 | 0.0                 | 19.4               | 80.6                 |
| GW-1            | 5/27/2010 | 52.4                | 47.4                | 0.2                | 0.0                  |
| GW-2            | 5/27/2010 | 57.2                | 42.5                | 0.3                | 0.0                  |
| GW-3            | 5/27/2010 | 47.7                | 22.1                | 4.8                | 25.4                 |
| GW-4            | 5/27/2010 | 31.8                | 34.0                | 0.1                | 34.1                 |
| GW-5            | 5/27/2010 | 0.1                 | 1.0                 | 17.3               | 81.6                 |
| GW-6            | 5/27/2010 | 0.3                 | 0.6                 | 19.7               | 79.4                 |
| GW-7            | 5/27/2010 | 0.1                 | 1.7                 | 15.3               | 82.9                 |
| GW-8            | 5/27/2010 | 0.1                 | 4.3                 | 13.2               | 82.4                 |
| GW-9            | 5/27/2010 | 0.0                 | 1.8                 | 17.8               | 80.4                 |
| GW-10           | 5/27/2010 | 0.0                 | 0.4                 | 20.1               | 79.5                 |
| GW-11           | 5/27/2010 | 41.3                | 24.2                | 0.0                | 34.5                 |
| GW-12           | 5/27/2010 | 0.0                 | 1.4                 | 17.7               | 80.9                 |
| BH-1101         | 5/27/2010 | 0.8                 | 1.5                 | 18.7               | 79.0                 |
| BH-1102         | 5/27/2010 | 51.2                | 42.6                | 4.2                | 2.0                  |
| BH-1103         | 5/27/2010 | 50.1                | 45.3                | 4.4                | 0.2                  |
| BH-1104         | 5/27/2010 | 28.2                | 19.2                | 8.2                | 44.4                 |
| BH-1105         | 5/27/2010 | 0.4                 | 3.9                 | 12.7               | 83.0                 |
| BH-1106         | 5/27/2010 | 42.2                | 49.5                | 2.4                | 5.9                  |
| BH-1107         | 5/27/2010 | 0.1                 | 1.5                 | 16.9               | 81.5                 |
| BH-1108         | 5/27/2010 | 51.7                | 47.7                | 0.6                | 0.0                  |
| BH-1109         | 5/27/2010 | 46.2                | 17.2                | 0.5                | 36.1                 |
| BH-1110         | 5/27/2010 | 0.2                 | 0.6                 | 9.9                | 89.3                 |
| BH-1111         | 5/27/2010 | 49.3                | 50.2                | 0.5                | 0.0                  |
| BH-1112         | 5/27/2010 | 2.1                 | 11.6                | 9.4                | 76.9                 |
| BH-1113         | 5/27/2010 | 47.4                | 46.3                | 0.3                | 6.0                  |
| BH-1114         | 5/27/2010 | 0.0                 | 4.7                 | 15.3               | 80.0                 |
| V-1-1           | 5/27/2010 | 53.2                | 46.7                | 0.1                | 0.0                  |
| V-1-2           | 5/27/2010 | 12.0                | 13.4                | 12.9               | 61.7                 |
| V-1-3           | 5/27/2010 | 2.8                 | 0.2                 | 20.5               | 76.5                 |
| V-1-4           | 5/27/2010 | 0.1                 | 0.1                 | 20.6               | 79.2                 |
| V-1-5           | 5/27/2010 | 0.1                 | 0.6                 | 19.9               | 79.4                 |
| V-1-6           | 5/27/2010 | 0.1                 | 0.0                 | 20.7               | 79.2                 |
| V-2-1           | 5/27/2010 | 45.6                | 24.2                | 6.9                | 23.3                 |
| V-2-2           | 5/27/2010 | 34.2                | 17.6                | 9.5                | 38.7                 |
| V-2-3           | 5/27/2010 | 5.8                 | 15.0                | 4.1                | 75.1                 |
| V-2-10          | 5/27/2010 | 3.4                 | 7.7                 | 15.5               | 73.4                 |
| V-2-18          | 5/27/2010 | 0.3                 | 1.3                 | 19.9               | 78.5                 |
| V-3-1           | 5/27/2010 | 2.8                 | 1.0                 | 19.7               | 76.5                 |
| V-4-1           | 5/27/2010 | 15.0                | 6.4                 | 12.4               | 66.2                 |
| V-4-2           | 5/27/2010 | 0.0                 | 0.3                 | 20.2               | 79.5                 |
| V-4-3           | 5/27/2010 | 0.3                 | 1.2                 | 19.6               | 78.9                 |
| V-4-4           | 5/27/2010 | 0.6                 | 1.9                 | 19.6               | 77.9                 |
| V-4-5           | 5/27/2010 | 0.4                 | 0.4                 | 19.9               | 79.3                 |
| V-4-6           | 5/27/2010 | 0.6                 | 3.0                 | 15.3               | 81.1                 |
| GW-1            | 8/26/2010 | 50.5                | 49.5                | 0.0                | 0.0                  |
| GW-2            | 8/26/2010 | 26.5                | 26.5                | 5.5                | 41.5                 |
| GW-3            | 8/26/2010 | 39.3                | 25.4                | 2.2                | 33.1                 |
| GW-4            | 8/26/2010 | 38.8                | 46.2                | 0.0                | 15.0                 |
| GW-5            | 8/26/2010 | 0.2                 | 2.4                 | 17.0               | 80.4                 |
| GW-6            | 8/26/2010 | 0.2                 | 0.9                 | 19.6               | 79.3                 |
| GW-7            | 8/26/2010 | 0.3                 | 0.9                 | 19.7               | 79.1                 |
| GW-8            | 8/26/2010 | 0.2                 | 8.8                 | 13.9               | 77.1                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date       | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|------------|---------------------|---------------------|--------------------|----------------------|
| GW-9            | 8/26/2010  | 0.3                 | 2.2                 | 18.7               | 78.8                 |
| GW-10           | 8/26/2010  | 0.2                 | 1.1                 | 18.6               | 80.1                 |
| GW-11           | 8/26/2010  | 0.2                 | 20.3                | 2.5                | 77.0                 |
| GW-12           | 8/26/2010  | 0.3                 | 0.3                 | 20.3               | 79.1                 |
| BH-201          | 8/26/2010  | 3.4                 | 2.7                 | 18.0               | 75.9                 |
| BH-301          | 8/26/2010  | 0.2                 | 0.9                 | 19.0               | 79.9                 |
| V-1-1           | 8/26/2010  | 29.9                | 29.6                | 6.3                | 34.2                 |
| V-1-2           | 8/26/2010  | 0.1                 | 0.2                 | 20.2               | 79.5                 |
| V-1-3           | 8/26/2010  | 1.2                 | 4.2                 | 16.6               | 78.0                 |
| V-1-4           | 8/26/2010  | 0.2                 | 0.5                 | 20.0               | 79.3                 |
| V-1-5           | 8/26/2010  | 0.1                 | 0.2                 | 20.2               | 79.5                 |
| V-1-6           | 8/26/2010  | 0.0                 | 0.1                 | 20.2               | 79.7                 |
| V-2-1           | 8/26/2010  | 1.8                 | 1.2                 | 19.4               | 77.6                 |
| V-2-2           | 8/26/2010  | 18.8                | 11.3                | 14.0               | 55.9                 |
| V-2-3           | 8/26/2010  | 0.2                 | 0.0                 | 20.5               | 79.3                 |
| V-2-10          | 8/26/2010  | 0.2                 | 0.0                 | 20.4               | 79.4                 |
| V-2-18          | 8/26/2010  | 0.2                 | 0.2                 | 20.2               | 79.4                 |
| V-3-1           | 8/26/2010  | 0.3                 | 0.1                 | 20.4               | 79.2                 |
| V-4-1           | 8/26/2010  | 0.7                 | 11.3                | 19.5               | 68.5                 |
| V-4-2           | 8/26/2010  | 0.2                 | 0.4                 | 20.4               | 79.0                 |
| V-4-3           | 8/26/2010  | 0.2                 | 1.3                 | 18.2               | 80.3                 |
| V-4-4           | 8/26/2010  | 0.2                 | 0.0                 | 20.6               | 79.2                 |
| V-4-5           | 8/26/2010  | 0.2                 | 0.1                 | 20.5               | 79.2                 |
| V-4-6           | 8/26/2010  | 0.3                 | 0.0                 | 20.5               | 79.2                 |
| GW-1            | 11/19/2010 | 48.7                | 41.1                | 1.5                | 8.7                  |
| GW-2            | 11/19/2010 | 46.2                | 36.1                | 0.0                | 17.7                 |
| GW-3            | 11/19/2010 | 0.0                 | 8.7                 | 11.2               | 80.1                 |
| GW-4            | 11/19/2010 | 34.8                | 35.6                | 0.0                | 29.6                 |
| GW-5            | 11/19/2010 | 0.0                 | 11.3                | 6.9                | 81.8                 |
| GW-6            | 11/19/2010 | 0.0                 | 3.8                 | 15.5               | 80.7                 |
| GW-7            | 11/19/2010 | 0.0                 | 2.4                 | 18.2               | 79.4                 |
| GW-8            | 11/19/2010 | 0.0                 | 7.1                 | 14.2               | 78.7                 |
| GW-9            | 11/19/2010 | 0.0                 | 1.8                 | 18.9               | 79.3                 |
| GW-10           | 11/19/2010 | 0.0                 | 0.3                 | 19.7               | 80.0                 |
| GW-11           | 11/19/2010 | 0.0                 | 9.5                 | 9.0                | 81.5                 |
| GW-12           | 11/19/2010 | 0.0                 | 0.0                 | 20.0               | 80.0                 |
| BH-201          | 11/19/2010 | 0.0                 | 1.5                 | 18.7               | 79.8                 |
| V-1-1           | 11/19/2010 | 53.0                | 42.2                | 1.3                | 3.5                  |
| V-1-2           | 11/19/2010 | 1.0                 | 1.2                 | 17.3               | 80.5                 |
| V-1-3           | 11/19/2010 | 0.0                 | 0.0                 | 20.1               | 79.9                 |
| V-1-4           | 11/19/2010 | 0.0                 | 0.0                 | 20.1               | 79.9                 |
| V-1-5           | 11/19/2010 | 0.0                 | 0.0                 | 20.0               | 80.0                 |
| V-1-6           | 11/19/2010 | 0.0                 | 0.0                 | 20.0               | 80.0                 |
| V-2-1           | 11/19/2010 | 21.7                | 16.9                | 3.8                | 57.6                 |
| V-2-2           | 11/19/2010 | 37.5                | 18.4                | 9.3                | 34.8                 |
| V-2-3           | 11/19/2010 | 0.0                 | 0.0                 | 20.0               | 80.0                 |
| V-2-10          | 11/19/2010 | 0.0                 | 0.0                 | 20.0               | 80.0                 |
| V-2-18          | 11/19/2010 | 0.0                 | 0.0                 | 20.0               | 80.0                 |
| V-3-1           | 11/19/2010 | 2.8                 | 1.0                 | 19.2               | 77.0                 |
| V-4-1           | 11/19/2010 | 0.0                 | 0.9                 | 19.2               | 79.9                 |
| V-4-2           | 11/19/2010 | 0.0                 | 0.3                 | 19.5               | 80.2                 |
| V-4-3           | 11/19/2010 | 0.0                 | 0.5                 | 19.3               | 80.2                 |
| V-4-4           | 11/19/2010 | 0.0                 | 0.0                 | 20.0               | 80.0                 |
| V-4-5           | 11/19/2010 | 0.0                 | 0.6                 | 19.9               | 79.5                 |
| V-4-6           | 11/19/2010 | 0.0                 | 0.0                 | 20.1               | 79.9                 |
| GW-1            | 2/28/2011  | 56.5                | 43.3                | 0.0                | 0.2                  |
| GW-2            | 2/28/2011  | 0.0                 | 0.3                 | 19.3               | 80.4                 |
| GW-3            | 2/28/2011  | 6.4                 | 4.2                 | 14.4               | 75.0                 |
| GW-4            | 2/28/2011  | 1.5                 | 2.5                 | 17.6               | 78.4                 |
| GW-5            | 2/28/2011  | 0.0                 | 0.2                 | 19.3               | 80.5                 |
| GW-6            | 2/28/2011  | 0.0                 | 0.0                 | 19.7               | 80.3                 |
| GW-7            | 2/28/2011  | 0.0                 | 1.6                 | 17.2               | 81.2                 |
| GW-8            | 2/28/2011  | 0.0                 | 0.9                 | 17.8               | 81.3                 |
| GW-9            | 2/28/2011  | 0.0                 | 0.0                 | 19.3               | 80.7                 |
| GW-10           | 2/28/2011  | 0.0                 | 0.0                 | 19.2               | 80.8                 |
| GW-11           | 2/28/2011  | 11.0                | 5.0                 | 0.6                | 83.4                 |
| GW-12           | 2/28/2011  | 0.0                 | 0.0                 | 19.8               | 80.2                 |
| V-1-1           | 2/28/2011  | 0.5                 | 0.5                 | 19.8               | 79.2                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date      | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|-----------|---------------------|---------------------|--------------------|----------------------|
| V-1-2           | 2/28/2011 | 0.1                 | 0.5                 | 20.3               | 79.1                 |
| V-1-3           | 2/28/2011 | 0.0                 | 0.0                 | 20.8               | 79.2                 |
| V-1-4           | 2/28/2011 | 0.0                 | 0.0                 | 20.8               | 79.2                 |
| V-1-5           | 2/28/2011 | 0.0                 | 0.0                 | 20.9               | 79.1                 |
| V-1-6           | 2/28/2011 | 0.0                 | 0.0                 | 20.9               | 79.1                 |
| V-2-1           | 2/28/2011 | 0.0                 | 0.0                 | 20.3               | 79.7                 |
| V-2-2           | 2/28/2011 | 0.0                 | 0.0                 | 20.0               | 80.0                 |
| V-2-3           | 2/28/2011 | 0.0                 | 0.0                 | 20.5               | 79.5                 |
| V-2-10          | 2/28/2011 | 0.0                 | 0.0                 | 20.6               | 79.4                 |
| V-2-18          | 2/28/2011 | 0.0                 | 0.0                 | 20.6               | 79.4                 |
| V-3-1           | 2/28/2011 | 0.0                 | 0.0                 | 20.1               | 79.9                 |
| V-4-1           | 2/28/2011 | 0.0                 | 0.0                 | 19.6               | 80.4                 |
| V-4-2           | 2/28/2011 | 0.0                 | 0.0                 | 19.8               | 80.2                 |
| V-4-3           | 2/28/2011 | 0.0                 | 0.3                 | 19.7               | 80.0                 |
| V-4-4           | 2/28/2011 | 0.0                 | 0.0                 | 19.8               | 80.2                 |
| V-4-5           | 2/28/2011 | 0.0                 | 0.0                 | 19.9               | 80.1                 |
| V-4-6           | 2/28/2011 | 0.0                 | 0.0                 | 19.9               | 80.1                 |
| GW-1            | 5/12/2011 | 47.6                | 48.7                | 0.1                | 3.6                  |
| GW-2            | 5/12/2011 | 48.7                | 35.1                | 0.0                | 16.2                 |
| GW-3            | 5/12/2011 | 0.1                 | 5.2                 | 12.9               | 81.8                 |
| GW-4            | 5/12/2011 | 56.8                | 43.1                | 0.0                | 0.1                  |
| GW-5            | 5/12/2011 | 0.0                 | 8.1                 | 10.0               | 81.9                 |
| GW-6            | 5/12/2011 | 0.0                 | 1.4                 | 19.4               | 79.2                 |
| GW-7            | 5/12/2011 | 0.0                 | 2.3                 | 18.2               | 79.5                 |
| GW-8            | 5/12/2011 | 0.0                 | 2.6                 | 17.0               | 80.4                 |
| GW-9            | 5/12/2011 | 0.0                 | 2.2                 | 18.3               | 79.5                 |
| GW-10           | 5/12/2011 | 0.0                 | 0.2                 | 20.7               | 79.1                 |
| GW-11           | 5/12/2011 | 0.0                 | 8.1                 | 12.6               | 79.3                 |
| GW-12           | 5/12/2011 | 0.1                 | 0.0                 | 20.7               | 79.2                 |
| BH-101          | 5/12/2011 | 0.0                 | 0.4                 | 20.2               | 79.4                 |
| BH-201          | 5/12/2011 | 11.6                | 7.1                 | 13.8               | 67.5                 |
| BH-202          | 5/12/2011 | 0.0                 | 0.1                 | 20.8               | 79.1                 |
| V-1-1           | 5/12/2011 | 49.3                | 50.7                | 0.0                | 0.0                  |
| V-1-2           | 5/12/2011 | 0.0                 | 0.0                 | 20.9               | 79.1                 |
| V-1-3           | 5/12/2011 | 0.0                 | 1.7                 | 19.0               | 79.3                 |
| V-1-4           | 5/12/2011 | 0.0                 | 0.0                 | 21.0               | 79.0                 |
| V-1-5           | 5/12/2011 | 0.0                 | 0.0                 | 21.0               | 79.0                 |
| V-1-6           | 5/12/2011 | 0.0                 | 0.0                 | 21.0               | 79.0                 |
| V-2-1           | 5/12/2011 | 25.5                | 13.4                | 11.2               | 49.9                 |
| V-2-2           | 5/12/2011 | 36.4                | 20.3                | 8.7                | 34.6                 |
| V-2-3           | 5/12/2011 | 1.1                 | 4.3                 | 15.4               | 79.2                 |
| V-2-10          | 5/12/2011 | 0.7                 | 1.8                 | 17.2               | 80.3                 |
| V-2-18          | 5/12/2011 | 0.4                 | 0.6                 | 19.8               | 79.2                 |
| V-3-1           | 5/12/2011 | 0.9                 | 0.3                 | 20.5               | 78.3                 |
| V-4-1           | 5/12/2011 | 0.0                 | 0.0                 | 20.5               | 79.5                 |
| V-4-2           | 5/12/2011 | 0.2                 | 0.1                 | 20.8               | 78.9                 |
| V-4-3           | 5/12/2011 | 1.8                 | 1.4                 | 20.1               | 76.7                 |
| V-4-4           | 5/12/2011 | 0.1                 | 0.2                 | 20.5               | 79.2                 |
| V-4-5           | 5/12/2011 | 0.1                 | 1.9                 | 18.4               | 79.6                 |
| V-4-6           | 5/12/2011 | 0.1                 | 2.5                 | 18.1               | 79.3                 |
| GW-1            | 8/18/2011 | 52.9                | 46.7                | 0.4                | 0.0                  |
| GW-2            | 8/18/2011 | 54.8                | 44.9                | 0.1                | 0.2                  |
| GW-3            | 8/18/2011 | 28.2                | 19.3                | 5.4                | 47.1                 |
| GW-4            | 8/18/2011 | 47.9                | 46.3                | 1.1                | 4.7                  |
| GW-5            | 8/18/2011 | 0.0                 | 17.1                | 5.0                | 77.9                 |
| GW-6            | 8/18/2011 | 0.0                 | 0.5                 | 22.1               | 77.4                 |
| GW-7            | 8/18/2011 | 0.0                 | 2.0                 | 22.1               | 75.9                 |
| GW-8            | 8/18/2011 | 0.0                 | 1.4                 | 21.3               | 77.3                 |
| GW-9            | 8/18/2011 | 0.0                 | 2.4                 | 21.2               | 76.4                 |
| GW-10           | 8/18/2011 | 0.0                 | 0.4                 | 22.9               | 76.7                 |
| GW-11           | 8/18/2011 | 6.5                 | 24.7                | 0.3                | 68.5                 |
| GW-12           | 8/18/2011 | 0.0                 | 11.8                | 10.3               | 77.9                 |
| BH-201          | 8/18/2011 | 3.0                 | 14.5                | 6.5                | 76.0                 |
| BH-1101         | 8/18/2011 | 0.0                 | 0.5                 | 22.9               | 76.6                 |
| BH-V-4-1-1      | 8/18/2011 | 0.0                 | 11.6                | 11.7               | 76.7                 |
| BH-V-4-1-2      | 8/18/2011 | 46.8                | 41.8                | 3.2                | 8.2                  |
| BH-V-4-1-3      | 8/18/2011 | 22.4                | 20.8                | 12.6               | 44.2                 |
| BH-V-4-1-4      | 8/18/2011 | 28.1                | 23.7                | 10.4               | 37.8                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date       | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|------------|---------------------|---------------------|--------------------|----------------------|
| BH-V-4-1-5      | 8/18/2011  | 0.0                 | 8.7                 | 21.1               | 70.2                 |
| BH-V-4-1-6      | 8/18/2011  | 30.9                | 36.0                | 6.4                | 26.7                 |
| BH-V-4-1-7      | 8/18/2011  | 1.4                 | 15.3                | 10.3               | 73.0                 |
| BH-V-4-1-8      | 8/18/2011  | 0.0                 | 1.6                 | 21.7               | 76.7                 |
| BH-V-4-1-9      | 8/18/2011  | 0.0                 | 7.4                 | 16.2               | 76.4                 |
| V-1-1           | 8/18/2011  | 49.6                | 50.1                | 0.2                | 0.1                  |
| V-1-2           | 8/18/2011  | 0.1                 | 0.2                 | 21.2               | 78.5                 |
| V-1-3           | 8/18/2011  | 19.6                | 6.8                 | 14.6               | 59.0                 |
| V-1-4           | 8/18/2011  | 0.4                 | 0.2                 | 21.0               | 78.4                 |
| V-1-5           | 8/18/2011  | 0.2                 | 1.1                 | 19.3               | 79.4                 |
| V-1-6           | 8/18/2011  | 0.0                 | 0.5                 | 20.2               | 79.3                 |
| V-2-1           | 8/18/2011  | 26.3                | 13.1                | 14.3               | 46.3                 |
| V-2-2           | 8/18/2011  | --                  | --                  | --                 | --                   |
| V-2-10          | 8/18/2011  | 0.5                 | 2.6                 | 17.6               | 79.3                 |
| V-2-18          | 8/18/2011  | 0.0                 | 0.9                 | 20.0               | 79.1                 |
| V-2-3           | 8/18/2011  | 0.0                 | 0.0                 | 21.5               | 78.5                 |
| V-3-1           | 8/18/2011  | 1.1                 | 0.5                 | 21.4               | 77.0                 |
| V-4-1           | 8/18/2011  | 19.9                | 27.9                | 2.6                | 49.6                 |
| V-4-2           | 8/18/2011  | 0.0                 | 0.0                 | 22.8               | 77.2                 |
| V-4-3           | 8/18/2011  | 0.0                 | 0.2                 | 22.5               | 77.3                 |
| V-4-4           | 8/18/2011  | 0.0                 | 0.4                 | 22.1               | 77.5                 |
| V-4-5           | 8/18/2011  | 0.0                 | 1.0                 | 19.0               | 80.0                 |
| V-4-6           | 8/18/2011  | 0.0                 | 4.9                 | 17.3               | 77.8                 |
| GW-1            | 11/17/2011 | 61.0                | 37.7                | 0.9                | 0.4                  |
| GW-2            | 11/17/2011 | 36.7                | 33.9                | 0.1                | 29.3                 |
| GW-3            | 11/17/2011 | 1.1                 | 1.6                 | 15.8               | 81.5                 |
| GW-4            | 11/17/2011 | 62.8                | 34.8                | 2.4                | 0.0                  |
| GW-5            | 11/17/2011 | 0.0                 | 13.2                | 7.1                | 79.7                 |
| GW-6            | 11/17/2011 | 0.0                 | 0.1                 | 18.0               | 81.9                 |
| GW-7            | 11/17/2011 | 0.0                 | 1.3                 | 17.1               | 81.6                 |
| GW-8            | 11/17/2011 | 0.0                 | 11.4                | 8.8                | 79.8                 |
| GW-9            | 11/17/2011 | 0.0                 | 1.2                 | 17.0               | 81.8                 |
| GW-10           | 11/17/2011 | 0.0                 | 2.4                 | 14.8               | 82.8                 |
| GW-11           | 11/17/2011 | 0.0                 | 15.4                | 4.5                | 80.1                 |
| GW-12           | 11/17/2011 | 0.0                 | 0.0                 | 20.1               | 79.9                 |
| GW-13           | 11/17/2011 | 60.1                | 39.3                | 0.3                | 0.3                  |
| GW-14           | 11/17/2011 | 2.8                 | 3.7                 | 5.6                | 87.9                 |
| GW-15           | 11/17/2011 | 0.0                 | 1.3                 | 16.1               | 82.6                 |
| GW-16           | 11/17/2011 | 0.0                 | 0.5                 | 17.5               | 82.0                 |
| GW-17           | 11/17/2011 | 0.0                 | 1.6                 | 16.5               | 81.9                 |
| BH-201          | 11/17/2011 | 0.0                 | 3.1                 | 16.7               | 80.2                 |
| BH-1301         | 11/17/2011 | 0.0                 | 0.0                 | 17.9               | 82.1                 |
| V-1-1           | 11/17/2011 | 41.4                | 30.2                | 7.1                | 21.3                 |
| V-1-2           | 11/17/2011 | 1.2                 | 2.6                 | 17.2               | 79.0                 |
| V-1-3           | 11/17/2011 | 0.0                 | 0.0                 | 19.1               | 80.9                 |
| V-1-4           | 11/17/2011 | 0.0                 | 0.0                 | 19.1               | 80.9                 |
| V-1-5           | 11/17/2011 | 0.0                 | 0.0                 | 19.1               | 80.9                 |
| V-1-6           | 11/17/2011 | 0.0                 | 0.0                 | 18.4               | 81.6                 |
| V-2-1           | 11/17/2011 | 0.0                 | 0.0                 | 18.8               | 81.2                 |
| V-2-2           | 11/17/2011 | 11.3                | 5.5                 | 15.9               | 67.3                 |
| V-2-3           | 11/17/2011 | 0.0                 | 0.0                 | 19.0               | 81.0                 |
| V-2-10          | 11/17/2011 | 0.0                 | 0.0                 | 19.0               | 81.0                 |
| V-2-18          | 11/17/2011 | 0.0                 | 0.0                 | 18.8               | 81.2                 |
| V-3-1           | 11/17/2011 | 0.0                 | 0.0                 | 18.9               | 81.1                 |
| V-4-1           | 11/17/2011 | 0.5                 | 0.5                 | 19.8               | 79.2                 |
| V-4-2           | 11/17/2011 | 1.1                 | 1.5                 | 18.6               | 78.8                 |
| V-4-3           | 11/17/2011 | 0.1                 | 1.0                 | 19.1               | 79.8                 |
| V-4-4           | 11/17/2011 | 0.0                 | 0.1                 | 19.9               | 80.0                 |
| V-4-5           | 11/17/2011 | 0.0                 | 0.0                 | 20.2               | 79.8                 |
| V-4-6           | 11/17/2011 | 0.0                 | 0.0                 | 20.2               | 79.8                 |
| GW-1            | 2/16/2012  | 59.1                | 42.9                | 0.4                | 0.0                  |
| GW-2            | 2/16/2012  | 8.5                 | 7.4                 | 16.8               | 67.3                 |
| GW-3            | 2/16/2012  | 0.1                 | 0.7                 | 19.8               | 79.4                 |
| GW-4            | 2/16/2012  | 63.7                | 34.0                | 0.8                | 1.5                  |
| GW-5            | 2/16/2012  | 0.0                 | 9.3                 | 7.2                | 83.5                 |
| GW-6            | 2/16/2012  | 0.0                 | 0.4                 | 21.2               | 78.4                 |
| GW-7            | 2/16/2012  | 0.0                 | 2.1                 | 18.7               | 79.2                 |
| GW-8            | 2/16/2012  | 0.0                 | 5.2                 | 15.8               | 79.0                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date      | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|-----------|---------------------|---------------------|--------------------|----------------------|
| GW-9            | 2/16/2012 | 0.0                 | 1.5                 | 19.2               | 79.3                 |
| GW-10           | 2/16/2012 | 0.0                 | 6.7                 | 7.4                | 85.9                 |
| GW-11           | 2/16/2012 | 0.0                 | 7.0                 | 12.7               | 80.3                 |
| GW-12           | 2/16/2012 | 0.0                 | 0.1                 | 21.5               | 78.4                 |
| GW-13           | 2/16/2012 | 54.9                | 43.7                | 0.7                | 0.7                  |
| GW-14           | 2/16/2012 | 1.3                 | 3.9                 | 14.4               | 80.4                 |
| GW-15           | 2/16/2012 | 0.0                 | 3.3                 | 17.0               | 79.7                 |
| GW-16           | 2/16/2012 | 0.0                 | 1.4                 | 19.8               | 78.8                 |
| GW-17           | 2/16/2012 | 0.0                 | 0.5                 | 20.8               | 78.7                 |
| BH-201          | 2/16/2012 | 0.0                 | 0.1                 | 21.3               | 78.6                 |
| BH-1301         | 2/16/2012 | 0.0                 | 0.6                 | 21.2               | 78.2                 |
| BH-1302         | 2/16/2012 | 13.1                | 10.7                | 16.8               | 59.4                 |
| BH-1303         | 2/16/2012 | 0.0                 | 0.2                 | 21.4               | 78.4                 |
| V-1-1           | 2/16/2012 | 6.4                 | 4.9                 | 19.7               | 69.0                 |
| V-1-2           | 2/16/2012 | 1.4                 | 1.9                 | 21.0               | 75.7                 |
| V-1-3           | 2/16/2012 | 0.1                 | 0.1                 | 21.0               | 78.8                 |
| V-1-4           | 2/16/2012 | 0.0                 | 0.1                 | 21.9               | 78.0                 |
| V-1-5           | 2/16/2012 | 0.0                 | 0.1                 | 21.9               | 78.0                 |
| V-1-6           | 2/16/2012 | 0.0                 | 0.1                 | 21.9               | 78.0                 |
| V-2-1           | 2/16/2012 | 1.5                 | 0.9                 | 20.9               | 76.7                 |
| V-2-2           | 2/16/2012 | 15.0                | 7.5                 | 17.0               | 60.5                 |
| V-2-3           | 2/16/2012 | 0.0                 | 0.1                 | 21.6               | 78.3                 |
| V-2-10          | 2/16/2012 | 0.0                 | 0.1                 | 21.7               | 78.2                 |
| V-2-18          | 2/16/2012 | 0.1                 | 0.1                 | 21.8               | 78.0                 |
| V-3-1           | 2/16/2012 | 0.0                 | 0.1                 | 21.5               | 78.4                 |
| V-4-1           | 2/16/2012 | 1.2                 | 1.3                 | 20.1               | 77.4                 |
| V-4-2           | 2/16/2012 | 0.6                 | 0.8                 | 20.5               | 78.1                 |
| V-4-3           | 2/16/2012 | 0.5                 | 0.6                 | 20.7               | 78.2                 |
| V-4-4           | 2/16/2012 | 0.0                 | 0.1                 | 21.5               | 78.4                 |
| V-4-5           | 2/16/2012 | 0.0                 | 0.2                 | 21.3               | 78.5                 |
| V-4-6           | 2/16/2012 | 0.1                 | 0.1                 | 21.2               | 78.6                 |
| GW-1            | 6/7/2012  | 47.6                | 45.9                | 0.0                | 6.5                  |
| GW-2            | 6/7/2012  | 41.5                | 38.5                | 0.0                | 20.0                 |
| GW-3            | 6/7/2012  | 40.2                | 20.2                | 0.0                | 39.6                 |
| GW-4            | 6/7/2012  | 33.3                | 40.6                | 0.3                | 25.8                 |
| GW-5            | 6/7/2012  | 0.3                 | 10.8                | 10.3               | 78.6                 |
| GW-6            | 6/7/2012  | 0.3                 | 4.5                 | 16.9               | 78.3                 |
| GW-7            | 6/7/2012  | 0.2                 | 2.6                 | 18.0               | 79.2                 |
| GW-8            | 6/7/2012  | 0.3                 | 6.9                 | 15.3               | 77.5                 |
| GW-9            | 6/7/2012  | 0.3                 | 3.2                 | 18.5               | 78.0                 |
| GW-10           | 6/7/2012  | 0.0                 | 8.6                 | 14.7               | 76.6                 |
| GW-11           | 6/7/2012  | 0.2                 | 13.3                | 9.3                | 77.2                 |
| GW-12           | 6/7/2012  | 0.2                 | 4.4                 | 16.5               | 78.9                 |
| GW-13           | 6/7/2012  | 48.5                | 49.6                | 0.0                | 1.9                  |
| GW-14           | 6/7/2012  | 5.1                 | 8.4                 | 4.2                | 82.3                 |
| GW-15           | 6/7/2012  | 0.2                 | 5.8                 | 15.1               | 78.9                 |
| GW-16           | 6/7/2012  | 0.3                 | 4.3                 | 17.1               | 78.3                 |
| GW-17           | 6/7/2012  | 0.0                 | 0.7                 | 20.5               | 78.8                 |
| BH-3-01         | 6/7/2012  | 0.6                 | 1.5                 | 19.6               | 78.3                 |
| BH-13-01        | 6/7/2012  | 29.2                | 26.7                | 4.8                | 39.3                 |
| BH-13-02        | 6/7/2012  | 0.3                 | 0.4                 | 20.5               | 78.8                 |
| BH-13-03        | 6/7/2012  | 23.8                | 21.1                | 9.7                | 45.4                 |
| BH-13-04        | 6/7/2012  | 0.2                 | 0.1                 | 20.9               | 78.8                 |
| BH-13-05        | 6/7/2012  | 14.1                | 4.8                 | 15.8               | 65.3                 |
| BH-13-06        | 6/7/2012  | 0.5                 | 1.5                 | 20.3               | 77.7                 |
| BH-13-07        | 6/7/2012  | 0.3                 | 0.6                 | 20.3               | 78.8                 |
| BH-13-08        | 6/7/2012  | 0.3                 | 1.1                 | 20.3               | 78.3                 |
| BH-14-01        | 6/7/2012  | 0.0                 | 0.6                 | 19.9               | 79.5                 |
| V-1-1           | 6/7/2012  | 29.0                | 25.1                | 9.5                | 36.4                 |
| V-1-2           | 6/7/2012  | 0.0                 | 0.1                 | 20.4               | 79.5                 |
| V-1-3           | 6/7/2012  | 0.2                 | 0.5                 | 20.2               | 79.1                 |
| V-1-4           | 6/7/2012  | 0.0                 | 0.4                 | 20.3               | 79.3                 |
| V-1-5           | 6/7/2012  | 0.3                 | 3.3                 | 16.7               | 79.7                 |
| V-1-6           | 6/7/2012  | 0.0                 | 0.3                 | 20.3               | 79.4                 |
| V-2-1           | 6/7/2012  | 5.8                 | 2.6                 | 18.7               | 72.9                 |
| V-2-2           | 6/7/2012  | 15.8                | 7.7                 | 16.7               | 59.8                 |
| V-2-3           | 6/7/2012  | 0.0                 | 0.5                 | 20.1               | 79.4                 |
| V-2-10          | 6/7/2012  | 0.1                 | 0.6                 | 20.0               | 79.3                 |

See Notes on Page 21.

Georgia-Pacific, LLC  
 Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site  
 King Highway Landfill Operable Unit 3  
 Landfill Gas Monitoring Program

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location | Date      | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|-----------------|-----------|---------------------|---------------------|--------------------|----------------------|
| V-2-18          | 6/7/2012  | 0.0                 | 1.1                 | 19.4               | 79.5                 |
| V-3-1           | 6/7/2012  | 0.1                 | 0.0                 | 20.6               | 79.3                 |
| V-4-1           | 6/7/2012  | 0.4                 | 0.5                 | 20.5               | 78.6                 |
| V-4-2           | 6/7/2012  | 0.3                 | 3.1                 | 18.7               | 77.9                 |
| V-4-3           | 6/7/2012  | 0.1                 | 3.2                 | 18.3               | 78.4                 |
| V-4-4           | 6/7/2012  | 0.1                 | 0.2                 | 20.7               | 79.0                 |
| V-4-5           | 6/7/2012  | 0.2                 | 0.0                 | 20.9               | 78.9                 |
| V-4-6           | 6/7/2012  | 0.2                 | 0.1                 | 20.9               | 78.8                 |
| GW-1            | 8/23/2012 | 54.2                | 45.6                | 0.0                | 6.5                  |
| GW-2            | 8/23/2012 | 52.9                | 45.2                | 0.1                | 20.0                 |
| GW-3            | 8/23/2012 | 25.2                | 31.5                | 0.1                | 39.6                 |
| GW-4            | 8/23/2012 | 45.9                | 45.8                | 0.0                | 25.8                 |
| GW-5            | 8/23/2012 | 0.4                 | 13.5                | 9.6                | 78.6                 |
| GW-6            | 8/23/2012 | 0.3                 | 7.7                 | 14.4               | 78.3                 |
| GW-7            | 8/23/2012 | 0.3                 | 5.0                 | 16.4               | 79.2                 |
| GW-8            | 8/23/2012 | 0.4                 | 14.4                | 9.5                | 77.5                 |
| GW-9            | 8/23/2012 | 0.4                 | 3.8                 | 17.7               | 78.0                 |
| GW-10           | 8/23/2012 | 0.3                 | 13.9                | 4.4                | 76.6                 |
| GW-11           | 8/23/2012 | 0.1                 | 5.2                 | 14.2               | 77.2                 |
| GW-12           | 8/23/2012 | 0.0                 | 10.1                | 10.5               | 78.9                 |
| GW-13           | 8/23/2012 | 51.8                | 48.0                | 0.0                | 1.9                  |
| GW-14           | 8/23/2012 | 19.6                | 13.2                | 0.9                | 82.3                 |
| GW-15           | 8/23/2012 | 0.4                 | 7.4                 | 12.5               | 78.9                 |
| GW-16           | 9/6/2012  | 0.1                 | 4.9                 | 17.2               | 78.3                 |
| GW-17           | 9/6/2012  | 0.1                 | 3.9                 | 19.7               | 78.8                 |
| BH-2-01         | 8/23/2012 | 0.2                 | 1.4                 | 19.8               | 78.3                 |
| BH-13-01        | 8/23/2012 | 25.6                | 21.3                | 6.4                | 39.3                 |
| BH-13-02        | 8/23/2012 | 0.2                 | 0.7                 | 20.0               | 78.8                 |
| BH-13-03        | 8/23/2012 | 44.6                | 33.7                | 3.0                | 45.4                 |
| BH-13-04        | 8/23/2012 | 0.1                 | 0.4                 | 20.2               | 78.8                 |
| BH-13-05        | 8/23/2012 | 9.0                 | 6.5                 | 15.1               | 65.3                 |
| BH-13-06        | 8/23/2012 | 0.2                 | 0.1                 | 20.3               | 77.7                 |
| BH-13-07        | 8/23/2012 | 0.2                 | 0.3                 | 20.2               | 78.8                 |
| BH-13-08        | 8/23/2012 | 0.1                 | 0.1                 | 20.4               | 78.3                 |
| BH-14-01        | 8/23/2012 | 0.3                 | 1.9                 | 19.4               | 79.5                 |
| V-1-1           | 8/23/2012 | 44.4                | 34.9                | 9.6                | 36.4                 |
| V-1-2           | 8/23/2012 | 1.6                 | 1.1                 | 20.6               | 79.5                 |
| V-1-3           | 8/23/2012 | 0.2                 | 0.0                 | 21.4               | 79.1                 |
| V-1-4           | 8/23/2012 | 15.1                | 13.6                | 12.0               | 79.3                 |
| V-1-5           | 8/23/2012 | 0.4                 | 0.1                 | 21.1               | 79.7                 |
| V-1-6           | 8/23/2012 | 4.2                 | 7.5                 | 16.0               | 79.4                 |
| V-2-1           | 8/23/2012 | 19.8                | 11.1                | 14.5               | 72.9                 |
| V-2-2           | 8/23/2012 | 8.5                 | 4.3                 | 19.1               | 59.8                 |
| V-2-3           | 8/23/2012 | 0.2                 | 0.0                 | 21.4               | 79.4                 |
| V-2-10          | 8/23/2012 | 0.5                 | 0.3                 | 21.1               | 79.3                 |
| V-2-18          | 8/23/2012 | 0.4                 | 0.0                 | 21.2               | 79.5                 |
| V-3-1           | 9/6/2012  | 0.5                 | 0.1                 | 20.9               | 79.3                 |
| V-4-1           | 8/23/2012 | 0.2                 | 0.2                 | 20.3               | 78.6                 |
| V-4-2           | 8/23/2012 | 0.2                 | 0.2                 | 20.2               | 77.9                 |
| V-4-3           | 8/23/2012 | 0.1                 | 0.1                 | 20.4               | 78.4                 |
| V-4-4           | 8/23/2012 | 0.0                 | 0.5                 | 19.9               | 79.0                 |
| V-4-5           | 8/23/2012 | 0.0                 | 0.2                 | 20.4               | 78.9                 |
| V-4-6           | 8/23/2012 | 0.0                 | 0.5                 | 20.4               | 78.8                 |
| GW-1            | 11/8/2012 | 57.3                | 42.5                | 0                  | 0.2                  |
| GW-2            | 11/8/2012 | 49.6                | 39                  | 0                  | 11.4                 |
| GW-3            | 11/8/2012 | 22                  | 18.5                | 0.8                | 58.7                 |
| GW-4            | 11/8/2012 | 60.4                | 38.9                | 0                  | 0.7                  |
| GW-5            | 11/8/2012 | 0                   | 11.4                | 8.4                | 80.2                 |
| GW-6            | 11/8/2012 | 0                   | 4.7                 | 16                 | 79.3                 |
| GW-7            | 11/8/2012 | 0                   | 2.7                 | 17.8               | 79.5                 |
| GW-8            | 11/8/2012 | 0                   | 11.2                | 9.3                | 79.5                 |
| GW-9            | 11/8/2012 | 0                   | 3                   | 17.1               | 79.9                 |
| GW-10           | 11/8/2012 | 0                   | 10.9                | 8.1                | 81                   |
| GW-11           | 11/8/2012 | 0                   | 10.1                | 9.8                | 80.1                 |
| GW-12           | 11/8/2012 | 0                   | 4.2                 | 15.8               | 80                   |
| GW-13           | 11/8/2012 | 58                  | 40.7                | 0.7                | 0.6                  |
| GW-14           | 11/8/2012 | 15.7                | 7.8                 | 1.2                | 75.3                 |
| GW-15           | 11/8/2012 | 0                   | 7.3                 | 11.4               | 81.3                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location     | Date      | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|---------------------|-----------|---------------------|---------------------|--------------------|----------------------|
| GW-16               | 11/8/2012 | 0                   | 5.2                 | 16                 | 78.8                 |
| GW-17               | 11/8/2012 | 0                   | 5.3                 | 15.9               | 78.8                 |
| BH-2-01             | 11/8/2012 | 0                   | 3                   | 15.9               | 81.1                 |
| BH-13-01            | 11/8/2012 | 60                  | 38.6                | 1.4                | 0                    |
| BH-13-02            | 11/8/2012 | 0                   | 1.2                 | 12.9               | 85.9                 |
| BH-13-03            | 11/8/2012 | 20.8                | 19                  | 6                  | 54.2                 |
| BH-13-04            | 11/8/2012 | 0                   | 3.6                 | 16.2               | 80.2                 |
| BH-13-05            | 11/8/2012 | 0                   | 0.7                 | 19.5               | 79.8                 |
| BH-14-01            | 11/8/2012 | 0                   | 0.5                 | 19.3               | 80.2                 |
| V-1-1               | 11/8/2012 | 38.8                | 33.5                | 5.3                | 22.4                 |
| V-1-2               | 11/8/2012 | 0.7                 | 2.7                 | 18.2               | 78.4                 |
| V-1-3               | 11/8/2012 | 0                   | 0.1                 | 20.6               | 79.3                 |
| V-1-4               | 11/8/2012 | 0                   | 0.1                 | 20.7               | 79.2                 |
| V-1-5               | 11/8/2012 | 0                   | 0.1                 | 20.6               | 79.3                 |
| V-1-6               | 11/8/2012 | 0                   | 0.3                 | 20.5               | 79.2                 |
| V-2-1               | 11/8/2012 | 0                   | 0.1                 | 20.2               | 79.7                 |
| V-2-2               | 11/8/2012 | 4.7                 | 2.4                 | 18                 | 74.9                 |
| V-2-3               | 11/8/2012 | 0                   | 0.1                 | 20.6               | 79.3                 |
| V-2-10              | 11/8/2012 | 0                   | 0.1                 | 20.6               | 79.3                 |
| V-2-18              | 11/8/2012 | 0                   | 0.1                 | 20.6               | 79.3                 |
| V-3-1               | 11/8/2012 | 0                   | 0.1                 | 20.2               | 79.7                 |
| V-4-1               | 11/8/2012 | 0.4                 | 0.5                 | 20.1               | 79                   |
| V-4-2               | 11/8/2012 | 0                   | 0.1                 | 20.3               | 79.6                 |
| V-4-3               | 11/8/2012 | 0                   | 0.8                 | 19.6               | 79.6                 |
| V-4-4               | 11/8/2012 | 0                   | 0.1                 | 20.2               | 79.7                 |
| V-4-5               | 11/8/2012 | 0                   | 0.5                 | 19.8               | 79.7                 |
| V-4-6               | 11/8/2012 | 0                   | 0.1                 | 19.8               | 80.1                 |
| Storage Shed        | 11/8/2012 | 0                   | 0                   | 20.7               | 79.3                 |
| GW-1                | 2/21/2013 | 53.5                | 41.7                | 0.1                | 4.7                  |
| GW-2                | 2/21/2013 | 26.1                | 21.7                | 0.0                | 52.2                 |
| GW-3                | 2/21/2013 | 19.0                | 7.5                 | 1.5                | 72.0                 |
| GW-4                | 2/21/2013 | 60.0                | 37.0                | 0.0                | 3.0                  |
| GW-5                | 2/21/2013 | 0.1                 | 7.4                 | 10.7               | 81.8                 |
| GW-6                | 2/21/2013 | 0.1                 | 2.7                 | 18.7               | 78.5                 |
| GW-7                | 2/21/2013 | 0.1                 | 1.7                 | 20.7               | 77.5                 |
| GW-8                | 2/21/2013 | 0.1                 | 5.7                 | 13.4               | 80.8                 |
| GW-9                | 2/21/2013 | 0.2                 | 1.5                 | 20.7               | 77.6                 |
| GW-10 <sup>12</sup> | 2/21/2013 | --                  | --                  | --                 | --                   |
| GW-11               | 2/21/2013 | 0.1                 | 0.5                 | 21.9               | 77.5                 |
| GW-12               | 2/21/2013 | 0.2                 | 2.0                 | 20.2               | 77.6                 |
| GW-13               | 2/21/2013 | 56.5                | 42.6                | 0.8                | 0.1                  |
| GW-14               | 2/21/2013 | 14.3                | 2.9                 | 3.3                | 79.5                 |
| GW-15               | 2/21/2013 | 0.1                 | 5.0                 | 15.4               | 79.5                 |
| GW-16               | 2/21/2013 | 0.1                 | 3.1                 | 19.4               | 77.4                 |
| GW-17               | 2/21/2013 | 0.1                 | 4.4                 | 16.9               | 78.6                 |
| BH-14-01            | 2/21/2013 | 0.1                 | 0.1                 | 22.1               | 77.7                 |
| Storage Shed        | 2/21/2013 | 0.0                 | 0.1                 | 16.9               | 83.0                 |
| GW-1                | 5/31/2013 | 50.0                | 50.0                | 0.0                | 0.0                  |
| GW-2                | 5/31/2013 | 51.5                | 41.8                | 0.0                | 6.7                  |
| GW-3                | 5/31/2013 | 20.2                | 14.3                | 0.0                | 65.5                 |
| GW-4                | 5/31/2013 | 45.9                | 48.5                | 0.8                | 4.8                  |
| GW-5                | 5/31/2013 | 0.1                 | 1.7                 | 13.0               | 85.2                 |
| GW-6                | 5/31/2013 | 0.1                 | 0.8                 | 15.4               | 83.7                 |
| GW-7                | 5/31/2013 | 0.1                 | 3.5                 | 17.0               | 79.4                 |
| GW-8                | 5/31/2013 | 0.1                 | 9.8                 | 11.0               | 79.1                 |
| GW-9                | 5/31/2013 | 0.1                 | 3.9                 | 15.2               | 80.8                 |
| GW-10               | 5/31/2013 | 0.1                 | 9.9                 | 6.3                | 83.7                 |
| GW-11               | 5/31/2013 | 0.8                 | 19.2                | 0.0                | 80.0                 |
| GW-12               | 5/31/2013 | 0.0                 | 6.1                 | 11.5               | 82.4                 |
| GW-13 <sup>11</sup> | 5/31/2013 | 48.8                | 51.5                | 0.0                | (0.3)                |
| GW-14               | 5/31/2013 | 10.0                | 2.2                 | 4.9                | 82.9                 |
| GW-15               | 5/31/2013 | 0.0                 | 5.8                 | 14.6               | 79.6                 |
| GW-15A              | 5/31/2013 | 3.2                 | 13.6                | 0.8                | 82.4                 |
| GW-16               | 5/31/2013 | 0.0                 | 2.6                 | 15.8               | 81.6                 |
| GW-17               | 5/31/2013 | 0.1                 | 1.4                 | 18.0               | 80.5                 |
| GW-18               | 5/31/2013 | 21.4                | 3.7                 | 0.2                | 74.7                 |
| GW-19               | 5/31/2013 | 43.3                | 43.9                | 1.1                | 11.7                 |
| GW-20               | 5/31/2013 | 0.1                 | 8.1                 | 10.9               | 80.9                 |

See Notes on Page 21.

Georgia-Pacific, LLC  
 Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site  
 King Highway Landfill Operable Unit 3  
 Landfill Gas Monitoring Program

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

| Sample Location     | Date      | CH <sub>4</sub> (%) | CO <sub>2</sub> (%) | O <sub>2</sub> (%) | Balance Nitrogen (%) |
|---------------------|-----------|---------------------|---------------------|--------------------|----------------------|
| GW-21               | 5/31/2013 | 0.2                 | 2.6                 | 12.6               | 84.6                 |
| Storage Shed        | 5/31/2013 | 0.2                 | 0.0                 | 21.0               | 78.8                 |
| Manhole #11         | 5/31/2013 | 0.1                 | 0.9                 | 19.7               | 79.3                 |
| Manhole #12         | 5/31/2013 | 0.0                 | 0.9                 | 19.4               | 79.7                 |
| Manhole #14         | 5/31/2013 | 0.1                 | 0.9                 | 19.8               | 79.2                 |
| Manhole #15         | 5/31/2013 | 0.3                 | 1.1                 | 19.7               | 78.9                 |
| GW-1                | 7/26/2013 | 49.3                | 47.5                | 0.0                | 3.2                  |
| GW-2                | 7/26/2013 | 47.7                | 41.7                | 0.0                | 10.6                 |
| GW-3                | 7/26/2013 | 46.1                | 25.4                | 0.0                | 28.5                 |
| GW-4                | 7/26/2013 | 46.1                | 47.0                | 0.0                | 6.9                  |
| GW-5                | 7/26/2013 | 0.0                 | 15.6                | 5.0                | 79.4                 |
| GW-6                | 7/26/2013 | 0.0                 | 9.5                 | 11.2               | 79.3                 |
| GW-7                | 7/26/2013 | 0.0                 | 5.5                 | 13.6               | 80.9                 |
| GW-8                | 7/26/2013 | 0.0                 | 12.7                | 8.9                | 78.4                 |
| GW-9 <sup>13</sup>  | 7/26/2013 | --                  | --                  | --                 | 100.0                |
| GW-10 <sup>12</sup> | 7/26/2013 | --                  | --                  | --                 | 100.0                |
| GW-11               | 7/26/2013 | 0.6                 | 27.4                | 0.0                | 72.0                 |
| GW-12               | 7/26/2013 | 0.1                 | 10.4                | 10.5               | 79.0                 |
| GW-13               | 7/26/2013 | 47.1                | 50.4                | 0.0                | 2.5                  |
| GW-14               | 7/26/2013 | 0.3                 | 3.8                 | 12.1               | 83.8                 |
| GW-15               | 7/26/2013 | 0.0                 | 7.9                 | 11.0               | 81.1                 |
| GW-15A              | 7/26/2013 | 7.1                 | 17.4                | 0.0                | 75.5                 |
| GW-16               | 7/26/2013 | 0.0                 | 5.3                 | 12.4               | 82.3                 |
| GW-17               | 7/26/2013 | 0.0                 | 1.4                 | 19.5               | 79.1                 |
| GW-18               | 7/26/2013 | 35.7                | 25.2                | 0.0                | 39.1                 |
| GW-19               | 7/26/2013 | 45.1                | 44.2                | 0.2                | 10.5                 |
| GW-20               | 7/26/2013 | 0.0                 | 7.8                 | 12.6               | 79.6                 |
| GW-21               | 7/26/2013 | 0.1                 | 2.1                 | 17.7               | 80.1                 |
| Storage Shed        | 7/26/2013 | 0.1                 | 0.1                 | 20.4               | 79.4                 |

See Notes on Page 21.

**Georgia-Pacific, LLC**  
**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**  
**King Highway Landfill Operable Unit 3**  
**Landfill Gas Monitoring Program**

**Table 2 - Summary of Post-Closure Landfill Gas Monitoring Results**

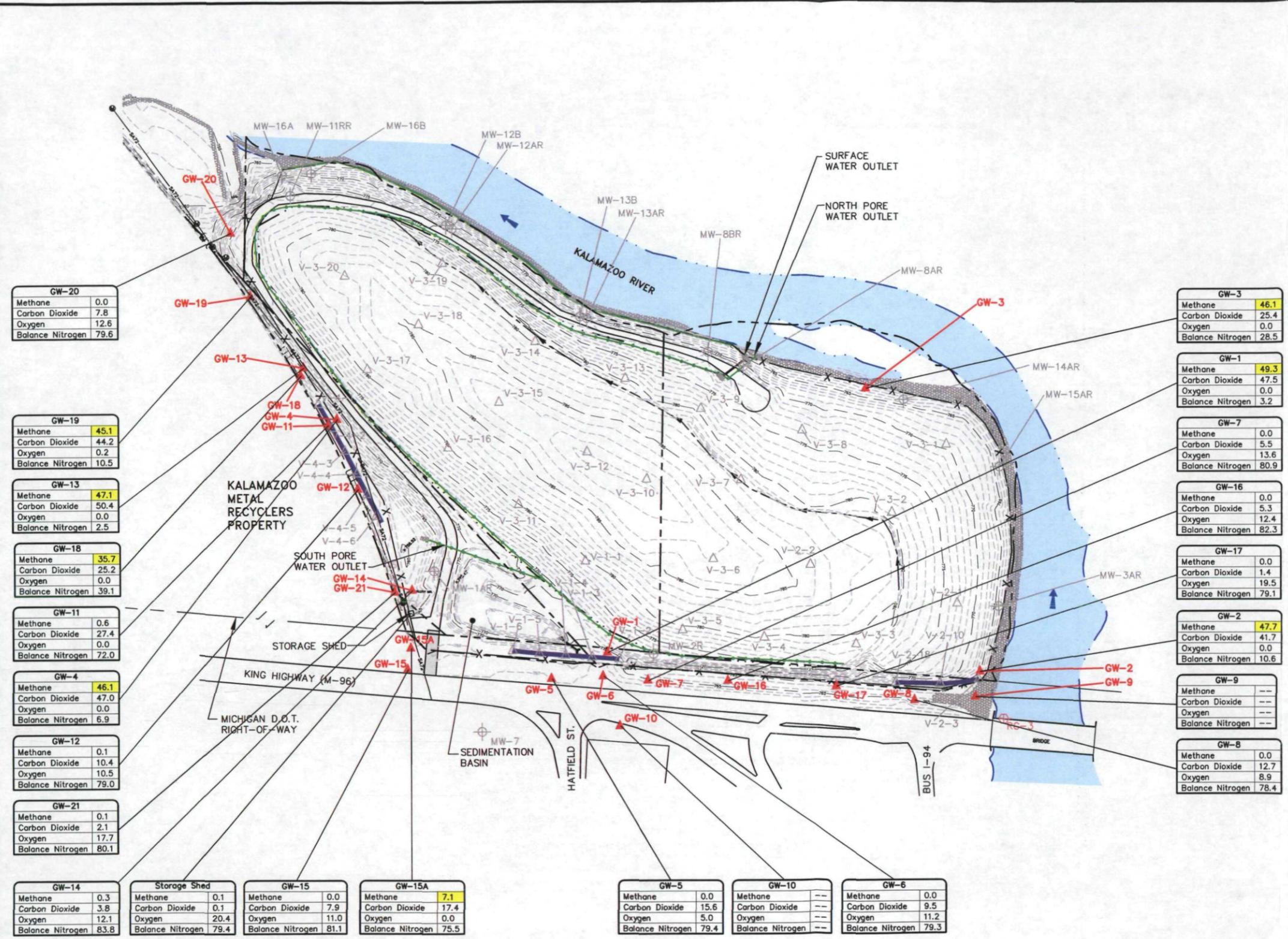
**Notes:**

1. Landfill gas monitoring results provided by CTI and Associates, Inc. using a GEM™ 2000 portable gas analyzer from April 27, 2003 to May 21, 2004
2. Landfill gas monitoring results provided by Golder Associates, Inc. using a GEM™ 500 portable gas analyzer from September 29, 2004 to May 8, 2006, November 8, 2006, May 10, 2007, and August 6, 2008.
3. Landfill gas monitoring results provided by Golder Associates, Inc. using a GEM™ 2000 portable gas analyzer on September 7, 2006, February 8, 2007, August 8, 2007, October 31, 2007, May 15, 2008, November 5, 2008, February 5, 2009, May 21, 2009, August 19, 2009, and November 12, 2009.
4. Landfill gas monitoring results provided by ARCADIS using a GEM™ 500 portable gas analyzer on February 19, 2010, May 27, 2010, August 26, 2010, November 19, 2010, February 28, 2011, May 12, 2011, August 18, 2011, June 7, 2012, August 23, 2012, September 6, 2012, November 8, 2012, and July 26, 2013.
5. Landfill gas monitoring results provided by ARCADIS using a GEM™ 2000 portable gas analyzer on November 17, 2011, February 16, 2012, February 21, 2013, and May 31, 2013.
6. On February 8, 2006, three other borings were attempted at the location of BH-201, but the boreholes were too wet to provide an accurate reading.
7. The water level at the location of the borehole was too high to provide an accurate reading.
8. On February 8, 2007, methane concentrations were detected above the lower explosive limit at GW-3; however, temporary boreholes were not installed to delineate the extent of the methane due to a health and safety risk created by snow covered rocks along the river.
9. On February 8, 2007, the valve on GW-6 was frozen and the cap could not be removed. The concentrations presented for GW-6 were obtained from a temporary borehole, which was installed directly next to well.
10. An additional temporary borehole(s) was not installed west of permanent gas probe GW-11 to delineate the extent of methane concentrations above the LEL toward the adjacent Kalamazoo Metal Recyclers, Inc. property due to the amount of debris located underneath the ground surface along the western property line of the KHL OU.
11. Due to rapid fluctuations in the gas concentration readings on the portable gas analyzer, the concentrations for all parameters (i.e., CH<sub>4</sub>, O<sub>2</sub>, and CO<sub>2</sub>) could not be determined from the same reading, producing a balance nitrogen concentration for GW-1 and GW-13 less than zero.
12. As verbally directed by MDEQ in the field, permanent gas probe GW-10 was not monitored due to low readings in GW-5, GW-6, and GW-7.
13. Landfill gas monitoring was not performed at GW-9 due to the thick poison ivy surrounding the gas probe. This area will be cleared to facilitate future monitoring at this location.
14. CH<sub>4</sub> = Methane.
15. CO<sub>2</sub> = Carbon Dioxide.
16. O<sub>2</sub> = Oxygen.
17. GW = Permanent gas monitoring probe.
18. BH = Temporary borehole.
19. V = Permanent gas vent.
20. -- = gas vent was not monitored.



**Figures**

CITY: SYRACUSE ANY GROUP: ENV/CAD DB: L. FORAKER, K.SARTORI PIC: C.R. CHEATHAM PM: D. PENNINGAN TM: A.SIDARI LVR: ONP-OFF-REF  
 G:\ENV\CAD\SYRACUSE\ACT\B0064583\JULY 2013\64583\01.DWG LAYOUT: 1 SAVER: 8/12/2013 9:05 AM ACADVER: 18.15 (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: PLOT1ULL.CTB PLOTTED: 8/12/2013 9:06 AM BY: SARTORI, KATHERINE  
 XREFS: 64583\01 64583\00



**LEGEND:**

- APPROXIMATE PROPERTY BOUNDARY
- - - DITCH LINE
- - - ABANDONED RAILROAD
- SHEETPILE WALL
- RIPRAP
- CULVERT PIPE
- FINAL AS-BUILT INDEX CONTOUR
- FINAL AS-BUILT INTERMEDIATE CONTOUR
- X- SECURITY FENCE
- SA72 72" DIAMETER SANITARY SEWER LINE
- SANITARY MANHOLE
- PORE WATER COLLECTION PIPE
- PORE WATER DRAIN
- APPROXIMATE WATER EDGE
- ← FLOW DIRECTION OF RIVER
- MW-14AR MONITORING WELL
- ⊕ RG-3 FORMER RIVER GAUGE STATION
- ▲ GW-2 GAS MONITORING PROBES
- △ V-2-2 GAS VENTS
- LANDFILL GAS CUTOFF TRENCH

- NOTES:**
- BASE MAP INFORMATION OBTAINED FROM CADD DRAWING FILE DEVELOPED BY RMT, INC., ANN ARBOR, MICHIGAN (CADD FILE: L1630SU01.DWG AS-BUILT SURVEY; 8/21/00).
  - FINAL AS-BUILT CONTOUR ELEVATIONS ARE SHOWN AND ARE BASED ON A FIELD SURVEY BY ATWELL-HICKS, INC., DATED 9/27/00 WITH REVISIONS DATED 10/23/00, 12/21/01, 12/10/02, AND 7/24/03.
  - FINAL AS-BUILT CONTOUR ELEVATIONS OF SEDIMENTATION BASIN ARE BASED ON A FIELD SURVEY BY PREIN-NEWHOF, DATED 2/3/04.
  - ELEVATIONS ARE BASED ON NGVD OF 1929 (MSL).
  - PROPERTY SURVEY PERFORMED BY WILKINS & WHEATON ENGINEERING CO., INC., ON 7/1/96.
  - TOPOGRAPHIC CONTOUR INTERVAL IS 1 FOOT.
  - FIELD MEASUREMENTS OBTAINED ON 7/26/2013 BY ARCADIS USING A PORTABLE GAS ANALYZER.
  - LOCATIONS OF GW-5, GW-6, GW-7, GW-8, GW-9, AND GW-10 ARE BASED ON A FIELD SURVEY BY TERRA CONTRACTING LLC, DATED 9/23/05.
  - LOCATION OF GW-11 IS BASED ON A FIELD SURVEY BY TERRA CONTRACTING LLC, DATED 1/11/06.
  - LOCATIONS OF RG-6, V-4-4, V-4-5, AND V-4-6 ARE BASED ON A FIELD SURVEY BY TERRA CONTRACTING LLC, DATED 6/7/06.
  - LOCATIONS OF V-1-2 THROUGH V-1-6, V-2-3, V-2-10, AND V-2-18 ARE BASED ON MULTIPLE FIELD SURVEYS CONDUCTED BY TERRA CONTRACTING, LLC. IN APRIL 2008. GAS VENTS V-2-4 THROUGH V-2-9, AND V-2-11 THROUGH V-2-17 ARE NOT SHOWN FOR CLARITY PURPOSES (THESE VENTS ARE LOCATED ALONG THE SOUTHWESTERN LANDFILL GAS CUTOFF TRENCH).
  - LOCATION OF GW-12 IS APPROXIMATE.
  - LOCATIONS OF GW-13 THROUGH GW-17 ARE BASED ON A FIELD SURVEY CONDUCTED BY PREIN & NEWHOF ON 11/1/2011.
  - LOCATIONS OF GW-15A AND GW-18 THROUGH GW-21 ARE BASED ON A FIELD SURVEY CONDUCTED BY TERRA CONTRACTING LLC, DATED 7/10/2013.
  - HIGHLIGHTED METHANE RESULTS EXCEEDED THE ASSOCIATED LOWER EXPLOSIVE LIMIT (5%).
  - LOCATIONS OF THE SANITARY SEWER LINE AND ASSOCIATED MANHOLES ARE BASED ON A CAD DRAWING AND A HISTORIC DRAWING DATED 11/1/2009 AND 3/1970, RESPECTIVELY.
  - GW-9 WAS NOT MONITORED DUE TO HEAVY POISON IVY IN THE AREA SURROUNDING THE GAS PROBE. ADDITIONALLY, GW-10 WAS NOT MONITORED DUE TO THE LOW METHANE CONCENTRATION MEASURED AT GW-6.

| GW-20            |      |
|------------------|------|
| Methane          | 0.0  |
| Carbon Dioxide   | 7.8  |
| Oxygen           | 12.6 |
| Balance Nitrogen | 79.6 |

| GW-19            |      |
|------------------|------|
| Methane          | 45.1 |
| Carbon Dioxide   | 44.2 |
| Oxygen           | 0.2  |
| Balance Nitrogen | 10.5 |

| GW-13            |      |
|------------------|------|
| Methane          | 47.1 |
| Carbon Dioxide   | 50.4 |
| Oxygen           | 0.0  |
| Balance Nitrogen | 2.5  |

| GW-18            |      |
|------------------|------|
| Methane          | 35.7 |
| Carbon Dioxide   | 25.2 |
| Oxygen           | 0.0  |
| Balance Nitrogen | 39.1 |

| GW-11            |      |
|------------------|------|
| Methane          | 0.6  |
| Carbon Dioxide   | 27.4 |
| Oxygen           | 0.0  |
| Balance Nitrogen | 72.0 |

| GW-4             |      |
|------------------|------|
| Methane          | 46.1 |
| Carbon Dioxide   | 47.0 |
| Oxygen           | 0.0  |
| Balance Nitrogen | 6.9  |

| GW-12            |      |
|------------------|------|
| Methane          | 0.1  |
| Carbon Dioxide   | 10.4 |
| Oxygen           | 10.5 |
| Balance Nitrogen | 79.0 |

| GW-21            |      |
|------------------|------|
| Methane          | 0.1  |
| Carbon Dioxide   | 2.1  |
| Oxygen           | 17.7 |
| Balance Nitrogen | 80.1 |

| GW-14            |      |
|------------------|------|
| Methane          | 0.3  |
| Carbon Dioxide   | 3.8  |
| Oxygen           | 12.1 |
| Balance Nitrogen | 83.8 |

| Storage Shed     |      |
|------------------|------|
| Methane          | 0.1  |
| Carbon Dioxide   | 0.1  |
| Oxygen           | 20.4 |
| Balance Nitrogen | 79.4 |

| GW-15            |      |
|------------------|------|
| Methane          | 0.0  |
| Carbon Dioxide   | 7.9  |
| Oxygen           | 11.0 |
| Balance Nitrogen | 81.1 |

| GW-15A           |      |
|------------------|------|
| Methane          | 7.1  |
| Carbon Dioxide   | 17.4 |
| Oxygen           | 0.0  |
| Balance Nitrogen | 75.5 |

| GW-5             |      |
|------------------|------|
| Methane          | 0.0  |
| Carbon Dioxide   | 15.6 |
| Oxygen           | 5.0  |
| Balance Nitrogen | 79.4 |

| GW-10            |     |
|------------------|-----|
| Methane          | --- |
| Carbon Dioxide   | --- |
| Oxygen           | --- |
| Balance Nitrogen | --- |

| GW-6             |      |
|------------------|------|
| Methane          | 0.0  |
| Carbon Dioxide   | 9.5  |
| Oxygen           | 11.2 |
| Balance Nitrogen | 79.3 |

| GW-3             |      |
|------------------|------|
| Methane          | 46.1 |
| Carbon Dioxide   | 25.4 |
| Oxygen           | 0.0  |
| Balance Nitrogen | 28.5 |

| GW-1             |      |
|------------------|------|
| Methane          | 49.3 |
| Carbon Dioxide   | 47.5 |
| Oxygen           | 0.0  |
| Balance Nitrogen | 3.2  |

| GW-7             |      |
|------------------|------|
| Methane          | 0.0  |
| Carbon Dioxide   | 5.5  |
| Oxygen           | 13.6 |
| Balance Nitrogen | 80.9 |

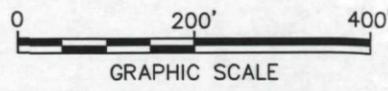
| GW-16            |      |
|------------------|------|
| Methane          | 0.0  |
| Carbon Dioxide   | 5.3  |
| Oxygen           | 12.4 |
| Balance Nitrogen | 82.3 |

| GW-17            |      |
|------------------|------|
| Methane          | 0.0  |
| Carbon Dioxide   | 1.4  |
| Oxygen           | 19.5 |
| Balance Nitrogen | 79.1 |

| GW-2             |      |
|------------------|------|
| Methane          | 47.7 |
| Carbon Dioxide   | 41.7 |
| Oxygen           | 0.0  |
| Balance Nitrogen | 10.6 |

| GW-9             |     |
|------------------|-----|
| Methane          | --- |
| Carbon Dioxide   | --- |
| Oxygen           | --- |
| Balance Nitrogen | --- |

| GW-8             |      |
|------------------|------|
| Methane          | 0.0  |
| Carbon Dioxide   | 12.7 |
| Oxygen           | 8.9  |
| Balance Nitrogen | 78.4 |

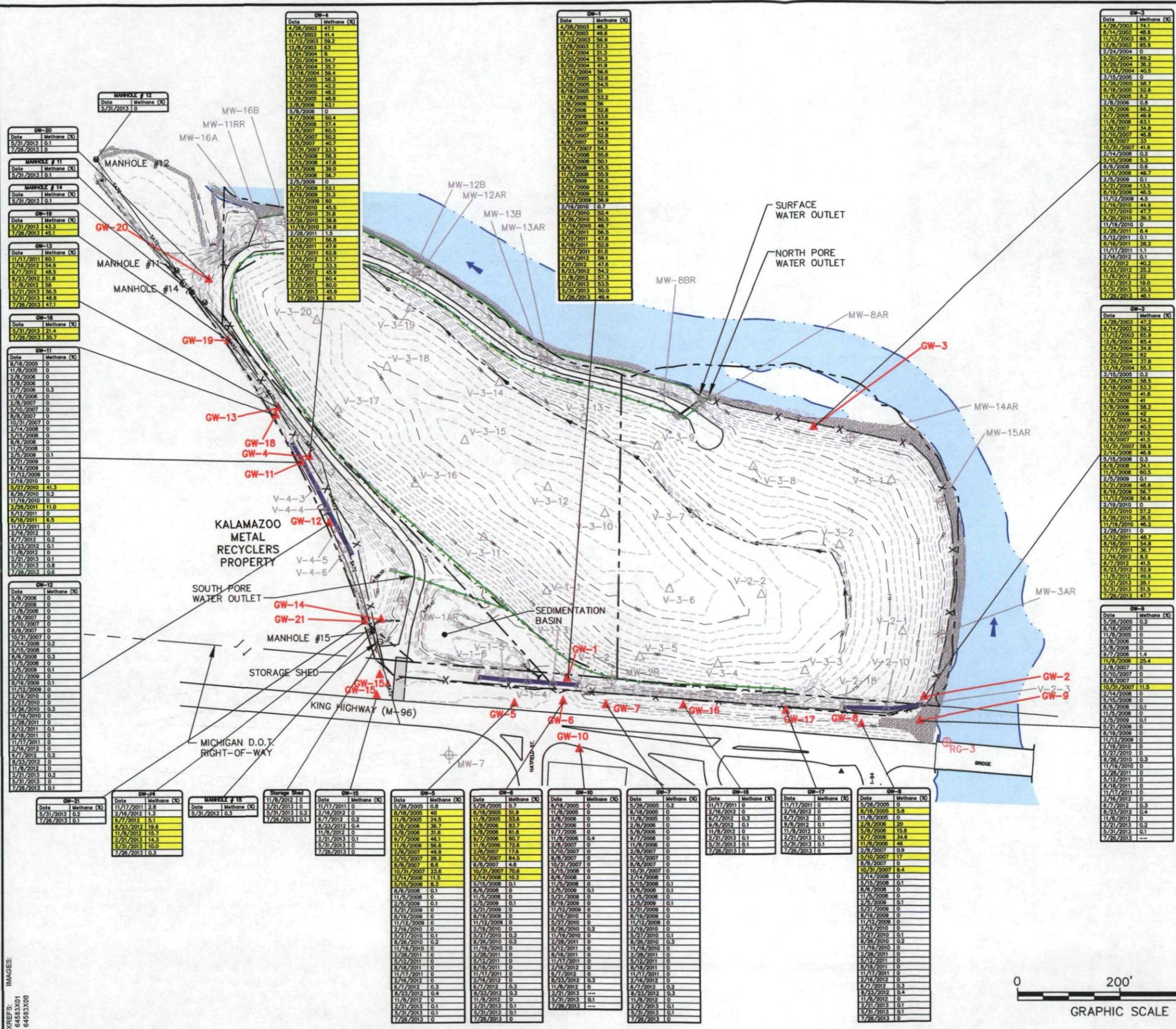


GEORGIA-PACIFIC LLC  
 ALLIED PAPER, INC./PORTAGE CREEK/  
 KALAMAZOO RIVER SUPERFUND SITE  
 KING HIGHWAY LANDFILL OPERABLE UNIT

**JULY 2013  
 LANDFILL GAS MONITORING RESULTS**



CITY: SYRACUSE-ANY GROUP: ENV/CAD DB: S. KOWALCZYK L. FOSSENBAUER L. ROSENBAUER L. FORAKER P. C. CHEATHAM PM: D. BEHNMAN TM: D. BEHNMAN LTR: ON\*OFF-REF: G:\ENV\CAD\SYRACUSE-ANY\GROUP\ENV/CAD DB: S. KOWALCZYK L. FOSSENBAUER L. ROSENBAUER L. FORAKER P. C. CHEATHAM PM: D. BEHNMAN TM: D. BEHNMAN LTR: ON\*OFF-REF: PLOTTED: 8/12/2013 10:16 AM BY: SARTORI, KATHERINE



**LEGEND:**

- APPROXIMATE PROPERTY BOUNDARY
- - - DITCH LINE
- - - ABANDONED RAILROAD
- SHEETPILE WALL
- RIPRAP
- CULVERT PIPE
- FINAL AS-BUILT INDEX CONTOUR
- FINAL AS-BUILT INTERMEDIATE CONTOUR
- X SECURITY FENCE
- SA72 72" DIAMETER SANITARY SEWER LINE
- o SANITARY MANHOLE
- o PORE WATER COLLECTION PIPE
- o PORE WATER DRAIN
- APPROXIMATE WATER EDGE
- FLOW DIRECTION OF RIVER
- MW-14AR o MONITORING WELL
- RG-3 o FORMER RIVER GAUGE STATION
- GW-2 o GAS MONITORING PROBES
- V-2-2 o GAS VENTS
- LANDFILL GAS CUTOFF TRENCH

- NOTES:**
1. BASE MAP INFORMATION OBTAINED FROM CADD DRAWING FILE DEVELOPED BY RMT, INC., ANN ARBOR, MICHIGAN (CADD FILE: L1630SU01.DWG AS-BUILT SURVEY; 8/21/00).
  2. FINAL AS-BUILT CONTOUR ELEVATIONS ARE SHOWN AND ARE BASED ON A FIELD SURVEY BY ATWELL-HICKS, INC., DATED 9/27/00 WITH REVISIONS DATED 10/23/00, 12/21/01, 12/10/02, AND 7/24/03.
  3. FINAL AS-BUILT CONTOUR ELEVATIONS OF SEDIMENTATION BASIN ARE BASED ON A FIELD SURVEY BY PREIN-NEWHOF, DATED 2/3/04.
  4. ELEVATIONS ARE BASED ON NGVD OF 1929 (MSL)
  5. PROPERTY SURVEY PERFORMED BY WILKINS & WHEATON ENGINEERING CO., INC., ON 7/1/96.
  6. TOPOGRAPHIC CONTOUR INTERVAL IS 1 FOOT.
  7. LOCATIONS SHOWN HEREON REPRESENT PERMANENT MONITORING POINTS, WHICH HAVE BEEN/WILL BE MONITORED DURING THE ONGOING POST-CLOSURE LANDFILL GAS MONITORING PROGRAM.
  8. LOCATIONS OF GW-5, GW-6, GW-7, GW-8, GW-9, AND GW-10 ARE BASED ON A FIELD SURVEY BY TERRA CONTRACTING LLC, DATED 9/23/05.
  9. LOCATION OF GW-11 IS BASED ON A FIELD SURVEY BY TERRA CONTRACTING LLC, DATED 1/11/06.
  10. LOCATIONS OF RG-6, V-4-4, V-4-5, AND V-4-6 ARE BASED ON A FIELD SURVEY BY TERRA CONTRACTING LLC, DATED 6/7/06.
  11. LOCATIONS OF V-1-2 THROUGH V-1-6, V-2-3, V-2-10, AND V-2-18 ARE BASED ON MULTIPLE FIELD SURVEYS CONDUCTED BY TERRA CONTRACTING, LLC. IN APRIL 2008.
  12. LOCATION OF GW-12 IS APPROXIMATE.
  13. LOCATIONS OF GW-13 THROUGH GW-17 ARE BASED ON A FIELD SURVEY CONDUCTED BY PREIN & NEWHOF ON 11/1/2011.
  14. LOCATIONS OF GW-15A AND GW-18 THROUGH GW-21 ARE BASED ON A FIELD SURVEY CONDUCTED BY TERRA CONTRACTING LLC, DATED 7/10/2013.
  15. HIGHLIGHTED METHANE RESULTS EXCEEDED THE ASSOCIATED LOWER EXPLOSIVE LIMIT (5%).
  16. LOCATIONS OF THE SANITARY SEWER LINE AND ASSOCIATED MANHOLES ARE BASED ON A CAD DRAWING AND A HISTORIC DRAWING DATED 11/1/2009 AND 3/1970, RESPECTIVELY.
  17. --- = GAS PROBE WAS NOT MONITORED.

GEORGIA-PACIFIC LLC  
 ALLIED PAPER, INC./PORTAGE CREEK/  
 KALAMAZOO RIVER SUPERFUND SITE  
**KING HIGHWAY LANDFILL OPERABLE UNIT**  
**SUMMARY OF POST-CLOSURE  
 LANDFILL GAS MONITORING RESULTS**

FIGURE  
**2**

| GW-1             | GW-2             | GW-3             | GW-4             | GW-5             | GW-6             | GW-7             | GW-8             | GW-9             | GW-10            | GW-11            | GW-12            | GW-13            | GW-14            | GW-15            | GW-16            | GW-17            | GW-18            | GW-19            | GW-20            | GW-21            |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Date Methane (%) |
| 4/28/2003 48.3   | 11/7/2011 0      | 4/28/2003 47.2   | 11/7/2011 0      | 5/26/2005 0.8    | 5/26/2005 0.7    | 5/26/2005 0.2    | 11/7/2011 0      | 5/28/2005 0.2    | 11/7/2011 0      | 5/28/2005 0.2    | 5/28/2005 0.2    | 5/28/2005 0.2    | 5/28/2005 0.2    | 5/28/2005 0.2    | 5/28/2005 0.2    | 5/28/2005 0.2    | 5/28/2005 0.2    | 5/28/2005 0.2    | 5/28/2005 0.2    | 5/28/2005 0.2    |
| 8/14/2003 41.4   | 2/18/2012 1.3    | 8/14/2003 58.2   | 2/18/2012 1.3    | 8/18/2005 4.0    | 8/18/2005 3.4    | 8/18/2005 0.4    | 2/18/2012 0.3    | 8/18/2005 0.4    | 2/18/2012 0.3    | 8/18/2005 0.4    | 8/18/2005 0.4    | 8/18/2005 0.4    | 8/18/2005 0.4    | 8/18/2005 0.4    | 8/18/2005 0.4    | 8/18/2005 0.4    | 8/18/2005 0.4    | 8/18/2005 0.4    | 8/18/2005 0.4    | 8/18/2005 0.4    |
| 11/12/2003 58.2  | 8/23/2012 19.6   | 11/12/2003 68.7  | 8/23/2012 19.6   | 11/8/2005 24.5   | 11/8/2005 24.5   | 11/8/2005 24.5   | 8/7/2012 0       | 11/8/2005 24.5   | 8/7/2012 0       | 11/8/2005 24.5   | 11/8/2005 24.5   | 11/8/2005 24.5   | 11/8/2005 24.5   | 11/8/2005 24.5   | 11/8/2005 24.5   | 11/8/2005 24.5   | 11/8/2005 24.5   | 11/8/2005 24.5   | 11/8/2005 24.5   | 11/8/2005 24.5   |
| 12/8/2003 6.3    | 11/8/2012 15.7   | 12/8/2003 63.9   | 11/8/2012 15.7   | 2/8/2006 36.7    | 2/8/2006 36.7    | 2/8/2006 36.7    | 8/23/2012 0.4    | 2/8/2006 36.7    | 8/23/2012 0.4    | 2/8/2006 36.7    | 2/8/2006 36.7    | 2/8/2006 36.7    | 2/8/2006 36.7    | 2/8/2006 36.7    | 2/8/2006 36.7    | 2/8/2006 36.7    | 2/8/2006 36.7    | 2/8/2006 36.7    | 2/8/2006 36.7    | 2/8/2006 36.7    |
| 2/24/2004 31     | 5/31/2013 0.1    | 2/24/2004 31     | 5/31/2013 0.1    | 5/19/2006 31.6   | 5/19/2006 31.6   | 5/19/2006 31.6   | 5/31/2013 0.1    | 5/19/2006 31.6   | 5/31/2013 0.1    | 5/19/2006 31.6   | 5/19/2006 31.6   | 5/19/2006 31.6   | 5/19/2006 31.6   | 5/19/2006 31.6   | 5/19/2006 31.6   | 5/19/2006 31.6   | 5/19/2006 31.6   | 5/19/2006 31.6   | 5/19/2006 31.6   | 5/19/2006 31.6   |
| 5/20/2004 51.3   | 7/28/2013 0.1    | 5/20/2004 51.3   | 7/28/2013 0.1    | 9/7/2006 46.1    | 9/7/2006 46.1    | 9/7/2006 46.1    | 7/28/2013 0.1    | 9/7/2006 46.1    | 7/28/2013 0.1    | 9/7/2006 46.1    | 9/7/2006 46.1    | 9/7/2006 46.1    | 9/7/2006 46.1    | 9/7/2006 46.1    | 9/7/2006 46.1    | 9/7/2006 46.1    | 9/7/2006 46.1    | 9/7/2006 46.1    | 9/7/2006 46.1    | 9/7/2006 46.1    |
| 8/29/2004 35.7   |                  | 8/29/2004 35.7   |                  | 11/8/2006 56.6   | 11/8/2006 56.6   | 11/8/2006 56.6   |                  | 11/8/2006 56.6   |                  | 11/8/2006 56.6   | 11/8/2006 56.6   | 11/8/2006 56.6   | 11/8/2006 56.6   | 11/8/2006 56.6   | 11/8/2006 56.6   | 11/8/2006 56.6   | 11/8/2006 56.6   | 11/8/2006 56.6   | 11/8/2006 56.6   | 11/8/2006 56.6   |
| 12/16/2004 59.4  |                  | 12/16/2004 59.4  |                  | 2/8/2007 48.9    | 2/8/2007 48.9    | 2/8/2007 48.9    |                  | 2/8/2007 48.9    |                  | 2/8/2007 48.9    | 2/8/2007 48.9    | 2/8/2007 48.9    | 2/8/2007 48.9    | 2/8/2007 48.9    | 2/8/2007 48.9    | 2/8/2007 48.9    | 2/8/2007 48.9    | 2/8/2007 48.9    | 2/8/2007 48.9    | 2/8/2007 48.9    |
| 3/15/2005 54.3   |                  | 3/15/2005 54.3   |                  | 5/10/2007 28.2   | 5/10/2007 28.2   | 5/10/2007 28.2   |                  | 5/10/2007 28.2   |                  | 5/10/2007 28.2   | 5/10/2007 28.2   | 5/10/2007 28.2   | 5/10/2007 28.2   | 5/10/2007 28.2   | 5/10/2007 28.2   | 5/10/2007 28.2   | 5/10/2007 28.2   | 5/10/2007 28.2   | 5/10/2007 28.2   | 5/10/2007 28.2   |
| 5/26/2005 42.2   |                  | 5/26/2005 42.2   |                  | 8/8/2007 4.6     | 8/8/2007 4.6     | 8/8/2007 4.6     |                  | 8/8/2007 4.6     |                  | 8/8/2007 4.6     | 8/8/2007 4.6     | 8/8/2007 4.6     | 8/8/2007 4.6     | 8/8/2007 4.6     | 8/8/2007 4.6     | 8/8/2007 4.6     | 8/8/2007 4.6     | 8/8/2007 4.6     | 8/8/2007 4.6     | 8/8/2007 4.6     |
| 8/18/2005 48.2   |                  | 8/18/2005 48.2   |                  | 10/31/2007 23.6  | 10/31/2007 23.6  | 10/31/2007 23.6  |                  | 10/31/2007 23.6  |                  | 10/31/2007 23.6  | 10/31/2007 23.6  | 10/31/2007 23.6  | 10/31/2007 23.6  | 10/31/2007 23.6  | 10/31/2007 23.6  | 10/31/2007 23.6  | 10/31/2007 23.6  | 10/31/2007 23.6  | 10/31/2007 23.6  | 10/31/2007 23.6  |
| 11/8/2005 48.9   |                  | 11/8/2005 48.9   |                  | 2/14/2008 11.5   | 2/14/2008 11.5   | 2/14/2008 11.5   |                  | 2/14/2008 11.5   |                  | 2/14/2008 11.5   | 2/14/2008 11.5   | 2/14/2008 11.5   | 2/14/2008 11.5   | 2/14/2008 11.5   | 2/14/2008 11.5   | 2/14/2008 11.5   | 2/14/2008 11.5   | 2/14/2008 11.5   | 2/14/2008 11.5   | 2/14/2008 11.5   |
| 2/8/2006 58      |                  | 2/8/2006 58      |                  | 5/15/2008 0.1    | 5/15/2008 0.1    | 5/15/2008 0.1    |                  | 5/15/2008 0.1    |                  | 5/15/2008 0.1    | 5/15/2008 0.1    | 5/15/2008 0.1    | 5/15/2008 0.1    | 5/15/2008 0.1    | 5/15/2008 0.1    | 5/15/2008 0.1    | 5/15/2008 0.1    | 5/15/2008 0.1    | 5/15/2008 0.1    | 5/15/2008 0.1    |
| 5/8/2006 52.8    |                  | 5/8/2006 52.8    |                  | 8/6/2008 0.1     | 8/6/2008 0.1     | 8/6/2008 0.1     |                  | 8/6/2008 0.1     |                  | 8/6/2008 0.1     | 8/6/2008 0.1     | 8/6/2008 0.1     | 8/6/2008 0.1     | 8/6/2008 0.1     | 8/6/2008 0.1     | 8/6/2008 0.1     | 8/6/2008 0.1     | 8/6/2008 0.1     | 8/6/2008 0.1     | 8/6/2008 0.1     |
| 8/7/2006 53.6    |                  | 8/7/2006 53.6    |                  | 11/5/2008 0.1    | 11/5/2008 0.1    | 11/5/2008 0.1    |                  | 11/5/2008 0.1    |                  | 11/5/2008 0.1    | 11/5/2008 0.1    | 11/5/2008 0.1    | 11/5/2008 0.1    | 11/5/2008 0.1    | 11/5/2008 0.1    | 11/5/2008 0.1    | 11/5/2008 0.1    | 11/5/2008 0.1    | 11/5/2008 0.1    | 11/5/2008 0.1    |
| 11/8/2006 54.9   |                  | 11/8/2006 54.9   |                  | 2/5/2009 0.1     | 2/5/2009 0.1     | 2/5/2009 0.1     |                  | 2/5/2009 0.1     |                  | 2/5/2009 0.1     | 2/5/2009 0.1     | 2/5/2009 0.1     | 2/5/2009 0.1     | 2/5/2009 0.1     | 2/5/2009 0.1     | 2/5/2009 0.1     | 2/5/2009 0.1     | 2/5/2009 0.1     | 2/5/2009 0.1     | 2/5/2009 0.1     |
| 2/8/2007 54.9    |                  | 2/8/2007 54.9    |                  | 5/21/2009 0.1    | 5/21/2009 0.1    | 5/21/2009 0.1    |                  | 5/21/2009 0.1    |                  | 5/21/2009 0.1    | 5/21/2009 0.1    | 5/21/2009 0.1    | 5/21/2009 0.1    | 5/21/2009 0.1    | 5/21/2009 0.1    | 5/21/2009 0.1    | 5/21/2009 0.1    | 5/21/2009 0.1    | 5/21/2009 0.1    | 5/21/2009 0.1    |
| 5/10/2007 52.8   |                  | 5/10/2007 52.8   |                  | 11/12/2009 0     | 11/12/2009 0     | 11/12/2009 0     |                  | 11/12/2009 0     |                  | 11/12/2009 0     | 11/12/2009 0     | 11/12/2009 0     | 11/12/2009 0     | 11/12/2009 0     | 11/12/2009 0     | 11/12/2009 0     | 11/12/2009 0     | 11/12/2009 0     | 11/12/2009 0     | 11/12/2009 0     |
| 8/8/2007 50.5    |                  | 8/8/2007 50.5    |                  | 2/18/2010 0      | 2/18/2010 0      | 2/18/2010 0      |                  | 2/18/2010 0      |                  | 2/18/2010 0      | 2/18/2010 0      | 2/18/2010 0      | 2/18/2010 0      | 2/18/2010 0      | 2/18/2010 0      | 2/18/2010 0      | 2/18/2010 0      | 2/18/2010 0      | 2/18/2010 0      | 2/18/2010 0      |
| 10/31/2007 23.3  |                  | 10/31/2007 23.3  |                  | 8/26/2010 0.3    | 8/26/2010 0.3    | 8/26/2010 0.3    |                  | 8/26/2010 0.3    |                  | 8/26/2010 0.3    | 8/26/2010 0.3    | 8/26/2010 0.3    | 8/26/2010 0.3    | 8/26/2010 0.3    | 8/26/2010 0.3    | 8/26/2010 0.3    | 8/26/2010 0.3    | 8/26/2010 0.3    | 8/26/2010 0.3    | 8/26/2010 0.3    |
| 2/14/2008 58.3   |                  | 2/14/2008 58.3   |                  | 5/27/2010 0.1    | 5/27/2010 0.1    | 5/27/2010 0.1    |                  | 5/27/2010 0.1    |                  | 5/27/2010 0.1    | 5/27/2010 0.1    | 5/27/2010 0.1    | 5/27/2010 0.1    | 5/27/2010 0.1    | 5/27/2010 0.1    | 5/27/2010 0.1    | 5/27/2010 0.1    | 5/27/2010 0.1    | 5/27/2010 0.1    | 5/27/2010 0.1    |
| 5/25/2008 47.8   |                  | 5/25/2008 47.8   |                  | 8/28/2010 0.3    | 8/28/2010 0.3    | 8/28/2010 0.3    |                  | 8/28/2010 0.3    |                  | 8/28/2010 0.3    | 8/28/2010 0.3    | 8/28/2010 0.3    | 8/28/2010 0.3    | 8/28/2010 0.3    | 8/28/2010 0.3    | 8/28/2010 0.3    | 8/28/2010 0.3    | 8/28/2010 0.3    | 8/28/2010 0.3    | 8/28/2010 0.3    |
| 8/6/2008 59.0    |                  | 8/6/2008 59.0    |                  | 11/19/2010 0     | 11/19/2010 0     | 11/19/2010 0     |                  | 11/19/2010 0     |                  | 11/19/2010 0     | 11/19/2010 0     | 11/19/2010 0     | 11/19/2010 0     | 11/19/2010 0     | 11/19/2010 0     | 11/19/2010 0     | 11/19/2010 0     | 11/19/2010 0     | 11/19/2010 0     | 11/19/2010 0     |
| 11/5/2008 56.7   |                  | 11/5/2008 56.7   |                  | 2/28/2011 0      | 2/28/2011 0      | 2/28/2011 0      |                  | 2/28/2011 0      |                  | 2/28/2011 0      | 2/28/2011 0      | 2/28/2011 0      | 2/28/2011 0      | 2/28/2011 0      | 2/28/2011 0      | 2/28/2011 0      | 2/28/2011 0      | 2/28/2011 0      | 2/28/2011 0      | 2/28/2011 0      |
| 2/5/2009 52.1    |                  | 2/5/2009 52.1    |                  | 5/12/2011 0      | 5/12/2011 0      | 5/12/2011 0      |                  | 5/12/2011 0      |                  | 5/12/2011 0      | 5/12/2011 0      | 5/12/2011 0      | 5/12/2011 0      | 5/12/2011 0      | 5/12/2011 0      | 5/12/2011 0      | 5/12/2011 0      | 5/12/2011 0      | 5/12/2011 0      | 5/12/2011 0      |
| 8/19/2009 31.3   |                  | 8/19/2009 31.3   |                  | 11/23/2011 0     | 11/23/2011 0     | 11/23/2011 0     |                  | 11/23/2011 0     |                  | 11/23/2011 0     | 11/23/2011 0     | 11/23/2011 0     | 11/23/2011 0     | 11/23/2011 0     | 11/23/2011 0     | 11/23/2011 0     | 11/23/2011 0     | 11/23/2011 0     | 11/23/2011 0     | 11/23/2011 0     |
| 11/12/2009 60    |                  | 11/12/2009 60    |                  | 2/18/2012 0      | 2/18/2012 0      | 2/18/2012 0      |                  | 2/18/2012 0      |                  | 2/18/2012 0      | 2/18/2012 0      | 2/18/2012 0      | 2/18/2012 0      | 2/18/2012 0      | 2/18/2012 0      | 2/18/2012 0      | 2/18/2012 0      | 2/18/2012 0      | 2/18/2012 0      | 2/18/2012 0      |
| 2/19/2010 45.5   |                  | 2/19/2010 45.5   |                  | 8/23/2012 0.4    | 8/23/2012 0.4    | 8/23/2012 0.4    |                  | 8/23/2012 0.4    |                  | 8/23/2012 0.4    | 8/23/2012 0.4    | 8/23/2012 0.4    | 8/23/2012 0.4    | 8/23/2012 0.4    | 8/23/2012 0.4    | 8/23/2012 0.4    | 8/23/2012 0.4    | 8/23/2012 0.4    | 8/23/2012 0.4    | 8/23/2012 0.4    |
| 5/27/2010 31.8   |                  | 5/27/2010 31.8   |                  | 11/8/2012 0.1    | 11/8/2012 0.1    | 11/8/2012 0.1    |                  | 11/8/2012 0.1    |                  | 11/              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |